

CONFIDENTIAL

Release Date 7-24-98

RIDGEWAY 10-16-31 STATE
NE SW 16-10N-31E (899)

(over)

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION

New ☐ Temp ☐ Work- ☒ Over ☐ Deepen ☐ Plug ☐ Back ☐ Same ☐ Reservoir ☐ Different ☐ Reservoir ☐ Oil ☐ Gas ☐ Dry ☐

DESCRIPTION OF WELL AND LEASE

Operator
Ridgeway AZ. Oil Corp.

Address & Phone No.
P.O. Box 1110 St. Johns

Federal, State or Indian Lease Number or name of lessor if fee lease
13-101540

Well Number
State 10-16

Field Reservoir
Wildcat

Location
1980 f/wl & 1980 f/sl

County
Apache

Sec. Township-Range or Block & Survey
sec. 16, T. 10N, R. 31E

Date spudded
4/8/97

Date total depth reached
5/7/97

Date completed ready to produce
N.A.

Elevation (DF, KB, RT or Gr-)
7246 feet

Elevation of casing head flange
7246 feet

Total Depth
2735

P.B.T.D.

Single, dual, or triple completion?
open hole 2453-2735

If this is a dual or triple completion
furnish separate report for each completion

Producing interval(s) for this completion
2453-2735

Rotary tools used (interval)
N.A.

Cable tools used (interval)
N.A.

Was this well directionally drilled?
No

Was directional survey made?
No

Was copy of directional survey filed?
No

Date filed
N.A.

type of electric or other logs run (check logs filed with the Commission)
GR, Neutron Porosity, Bond Log.

Date filed
N.A.

CASING RECORD

Casing (report all strings set in well -- conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amount pulled
Surface	12 1/4	8 5/8	20 #	876	425 sks.	
Prod.	7 7/8	5 1/2	14 #	2453	260 sks.	

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
N.A. in.	N.A. ft.	N.A. ft.	N.A. in.	N.A. ft.	N.A. ft.	N.A.	N.A.

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth interval	Amount & kind of material used	Depth interval
1	.38 Jrt.		75,000 # of 16/30 sand	2453 - 2728
1	.38 Jrt.			

INITIAL PRODUCTION

Date of first production
N.A.

Producing method (indicate if flowing, gas lift or pumping -- if pumping, show size & type of pump)
N.A.

Date of test	Hours tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
N.A.	N.A.	N.A.	N.A. bbls.	N.A. MCF	N.A. bbls.	N. *API

Tubing pressure	Casing pressure	Calculated rate of production per 24 hrs	Oil	Gas	Water	Gas - oil ratio
psi	psi	per 24 hrs	0 bbls	0 MCF	0 bbls	

Disposition of gas (state whether vented, used for fuel or sold)
N.A.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Production Manager of the Ridgeway AZ. Oil Corp. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date
11/9/98

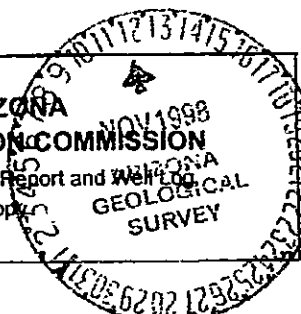
Signature

Permit No. 899

Mail completed form to
Oil and Gas Program Administrator
Arizona Geological Survey
416 W. Congress, # 100
Tucson, AZ 85701

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log
File one Copy

Form No. 4



DETAIL OF FORMATION PENETRATED

FORMATION	TOP	BOTTOM	DESCRIPTION*
Ft. Apache	2030	2108	
Amos wash	2108	2408	
Riggs	2453	2735	
<p>Note: The 5 1/2" casing was lined with Poly-Bore liner from surface to 2453</p>			

* Show all important zones of porosity, detail of all cores, and drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Completion or Recompletion report and well log shall be filed with the Oil and Gas Program Administrator, Arizona Geological Survey, 416 W. Congress #100, Tucson, AZ 85701 not later than thirty days after completion pursuant to A.A.C. R12-7-121.

Sundry Notice And Reports on Wells

1 Name of Operator Ridgeway AZ. Oil Corp.

2 Oil Well ☐ Gas Well ☐ Other ☒ (Specify) Co2

3 Well Name State10-16
Location 1980 fwl & 1980 fsl
Sec. 16 Twp. 10n Rge. 31e County: Apache, Arizona

4 Federal, State, or Indian Lease Number, or Lessor's name if fee lease 13-101540

5 Field or Pool Name Wildcat

6 Check Appropriate Box to indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input checked="" type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZE	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	OTHER	<input type="checkbox"/>
OTHER	<input type="checkbox"/>		

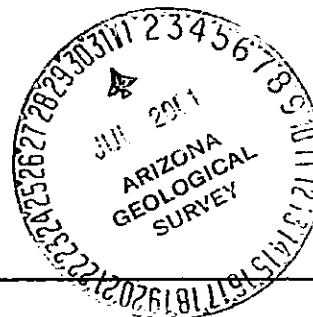
DESCRIBE PROPOSED OR COMPLETED OPERATIONS (clearly state all pertinent details, and give pertinent dates, including estimated dates of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Proposed start date 8-11-01

Rig up BJ Services to well and Frac well
Approximate frac size 75,000 lb.

Pump Co2 and frac fluid to a pressure not to exceed 1500 psi

Flow back to pit



8 I hereby certify that the foregoing is true and correct.

Signed

Title

Operations Manager

Date

7/26/01

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Sundry Notice and Reports on Wells
File one Copy

Form No. 25

Permit No. 899

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Location 1980 fwl & 1980 fsl
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NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	WEEKLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZE	<input type="checkbox"/>	ALTER CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>		<input type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>
OTHER	<input type="checkbox"/>		<input checked="" type="checkbox"/>	OTHER	<input type="checkbox"/>		<input type="checkbox"/>

DESCRIBE PROPOSED OR COMPLETED OPERATIONS (clearly state all pertinent details, and give pertinent dates, including estimated dates of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Proposed start date 3-14-00

March 14, tentative start up date.

Rig up test unit to well, document shut in pressure open well to surface

Document flow at 450psi, 400psi, 350psi, 300psi shut well in this test is for line sizing for our liquids plant



8 I hereby certify that the foregoing is true and correct.

Signed

Title

Operations Manager

Date

3/3/00

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Sundry Notice and Reports on Wells

File one Copy

Form No. 25

Permit No. 899

H & H WIRELINE SERVICE INC.

P. O. BOX 899, FLORA VISTA NEW MEXICO 87415

January 6, 1999

P/N 899

RIDGEWAY ARIZONA OIL CORP.

P. O. BOX 1110
ST. JOHN, ARIZONA 85936

WELL NAME: STATE # 10-16

TYPE TEST: BUILD UP
FORMATION: RIG ZONE
COUNTY: APACHE
STATE: ARIZONA

ATTENTION: MR. TOM WHITE



GENTLEMEN:

ATTACHED YOU WILL FIND THE RESULTS OF THE ABOVE CAPTIONED TEST OF STATIC GRADIENT SURVEY ON THE ABOVE CAPTIONED WELL WHICH ARE IN TABULAR AND GRAPHICAL FORM.

IT HAS BEEN OUR PLEASURE TO CONDUCT THIS SERVICE FOR YOU. WE ARE LOOKING FORWARD TO SERVING YOU IN THE FUTURE.

THANK YOU.

H & H WIRELINE SERVICE, INC.

CHARLES HUGHES
PRESIDENT

01/17/1999 17:12 605-227-7334

TNT OFFICE SUPPLY

PAGE 01

RECEIVED

JAN 1 1998

R.A.O.C.

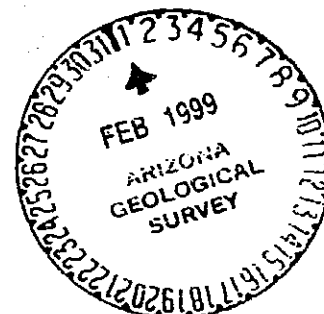
RIDGEWAY ARIZONA OIL CORP.
P. O. BOX 1110
ST. JOHN, ARIZONA 85936

DATE: 12-30-98 TO 1-6-99

WELL NAME: STATE # 10-18 P/N 899
FORMATION: RIG ZONE
COUNTY: APACHE
STATE: ARIZONA

CHRONOLOGICAL PRESSURE AND PRODUCTION DATA

DATE	STATUS OF WELL	TIME HR/MM	ELAPSED TIME HRS/10THS	BHP PSIG
12/30/98	ARRIVED ON LOCATION RIG UP AND RUN BUILD UP TEST @ 2453' ON BTM. @	11:45	0	551
		11:51	0.1	551
		11:57	0.2	551
		12:03	0.3	551
		12:09	0.4	551
		12:15	0.5	555
		12:21	0.6	555
		12:27	0.7	555
		12:33	0.8	558
		12:39	0.9	558
		12:45	1	558
		12:51	1.1	558
		12:57	1.2	558
		13:03	1.3	559
		13:09	1.4	559
		13:15	1.5	559
		13:21	1.6	559
		13:27	1.7	562
		13:33	1.8	562
		13:39	1.9	563
		13:45	2	563
		13:51	2.1	565
		13:57	2.2	565
		14:03	2.3	566
		14:09	2.4	566
12/30/98		14:15	2.5	568



01/11/1999 17:22 535-327-7334

TNT OFFICE SUPPLY

PAGE 02

RIDGEWAY ARIZONA OIL CORP.
PAGE TWO
STATE # 10-10

12/30/98

14:21	2.6	568
14:27	2.7	569
14:33	2.8	569
14:39	2.9	571
14:45	3	572
14:51	3.1	574
14:57	3.2	576
15:03	3.3	576
15:09	3.4	577
15:15	3.5	577
15:21	3.6	579
15:27	3.7	579
15:33	3.8	580
15:39	3.9	582
15:45	4	583
15:51	4.1	585
15:57	4.2	585
16:03	4.3	586
16:09	4.4	588
16:15	4.6	588
16:21	4.6	588
16:27	4.7	589
16:33	4.8	591
16:39	4.9	592
16:45	5	594
16:51	5.1	594
16:57	5.2	595
17:03	5.3	595
17:09	5.4	597
17:15	5.5	597
17:21	5.6	599
17:27	5.7	599
17:33	5.8	600
17:39	5.9	602
17:45	6	603
17:51	6.1	603
17:57	6.2	605
18:03	6.3	605
18:09	6.4	606
18:15	6.5	606
18:21	6.6	608
18:27	6.7	608
18:33	6.8	609
18:39	6.9	609
18:45	7	609
18:51	7.1	609
18:57	7.2	611

12/30/98

PAGE 03

RIDGEWAY ARIZONA OIL CORP.
PAGE THREE
STATE # 10-16

12/30/98

18:03	7.3
19:00	7.4
19:15	7.5
19:21	7.6
19:27	7.7
19:33	7.8
19:39	7.9
19:45	8
20:45	9
21:45	10
22:45	11
23:45	12
0:45	13
1:45	14
2:45	15
3:45	16
4:45	17
5:45	18
6:45	19
7:45	20
8:45	21
9:45	22
10:45	23
11:45	24
12:45	25
13:45	26
14:45	27
15:45	28
16:45	29
17:45	30
18:45	31
19:45	32
20:45	33
21:45	34
22:45	35
23:45	36
0:45	37
1:45	38
2:45	39
3:45	40
4:45	41
5:45	42
6:45	43
7:45	44
8:45	45
9:45	46
10:45	47

[illegible]

12/31/98

1/1/99

1/1/89

01/11/1999 17:22 525-327-7334

TNT OFFICE SUPPLY

PAGE 04

RIDGEWAY ARIZONA OIL CORP.
PAGE FOUR
STATE # 10-16

1/1/99	11:45	48	614
	12:45	49	614
	13:45	50	614
	14:45	51	614
	15:45	52	614
	16:45	53	614
	17:45	54	614
	18:45	55	614
	19:45	56	614
	20:45	57	614
	21:45	58	614
	22:45	59	614
	23:45	60	614
1/2/99	4:45	65	614
	9:45	70	614
	14:45	75	614
	19:45	80	614
1/3/99	0:45	85	611
	5:45	90	611
	10:45	95	614
	15:45	100	614
	20:45	105	614
1/4/99	1:45	110	614
	6:45	115	614
	11:45	120	614
	16:45	125	614
	21:45	130	614
1/5/99	2:45	135	612
	7:45	140	612
	12:45	145	612
	17:45	150	611
	22:45	155	611
1/6/99	3:45	160	609
	4:45	161	609
	5:45	162	608
	6:45	163	608
	7:45	164	609
	8:45	165	611
	9:45	166	612
	10:45	167	612
	11:45	168	612
	11:51	168.1	614
	11:57	168.2	614
1/8/99 PULLED INST. @	12:03	168.3	614

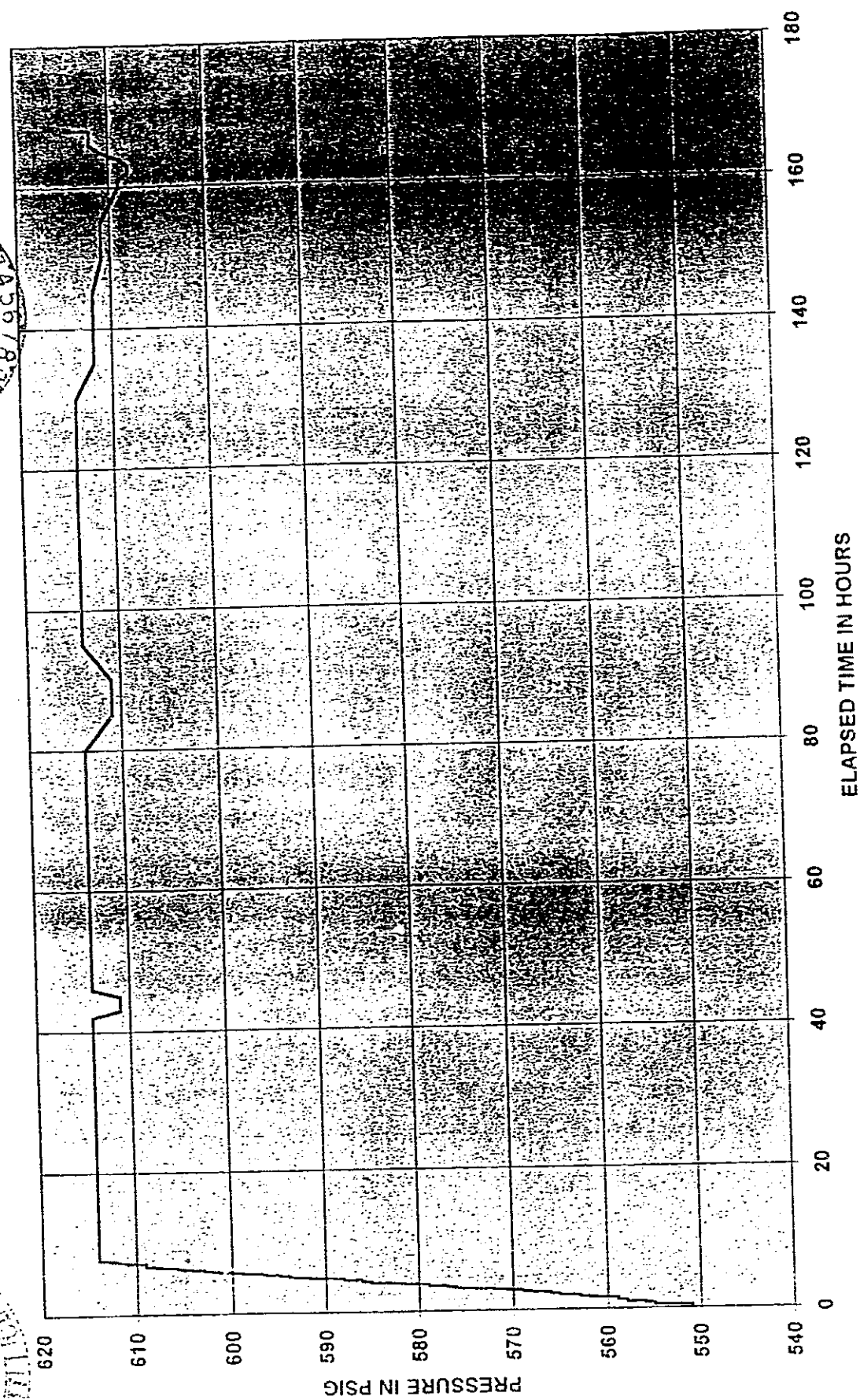
H & H WIRELINE SERVICE INC.
P. O. BOX 899
FLORA VISTA, NEW MEXICO 87415
OPERATOR: C. HUGHES
UNIT NO. T-11

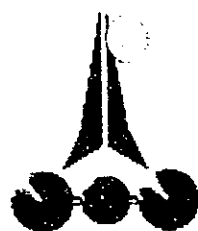
RECEIVED
MAR 8 1993
AZ STATE
LAND DEPT

538 N/C

BIDGEWAY ARIZONA OIL CORP. STATE # 10-16

DATE: 12-30-98 THRU 1-6-99





Ridgeway

ARIZONA OIL CORP

ST. JOHN'S, ARIZONA CO, PROJECT

Daily Report for Well # 10-16
12/29/98 2:04:13 PM

7/14 899

analog Readings

ressure: 179.57 psia
elta Pressure: 19.72 in H2O
emperature: 72.62 F
ank Volume: 0 bbls
attery: 13.25 V

RTU Warnings
None

alive Status

low: Partial
rain: Closed

Column Head Pressures

Channel A: 55 psia
Channel B: 46 psia
Channel C: 54 psia

ix as of 12/29/98 1:41:37 PM

ethane: 0
thane: 0
ropane: 0.004
-Butane: 0
-Butane: 0
arbon Dioxide: 99.99
thylene: 0
itrogen: 0
xygen: 0
arbon Monoxide: 0
ydrogen Sulfide: 0
-Pentane: 0
-Pentane: 0
-Hexane: 0
elium: 0.005

Flow

Current: 1460.85 MSCFD
Today: 1256.26 MSCF
Total Drain: 6.99 bbls
Last 7 Days (in MSCF):

1415.76
1514.13
991.48
1400.54
1381.96
1013.98

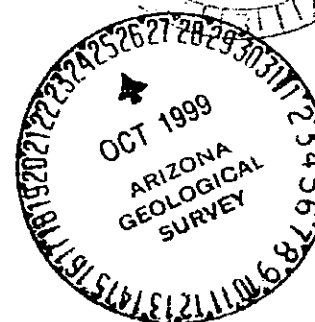
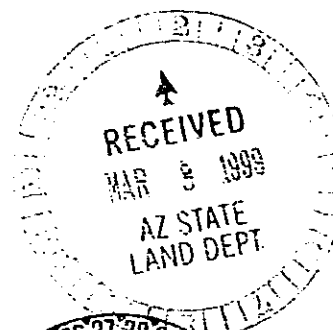
7 Day Total: 7717.85 MSCF
7 Day Average: 1286.31 MSCF

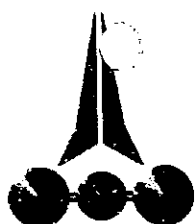
low Control
one

Current Wedge
Wedge 2 (Big Flow)
H/D: 0.5
Pipe D: 3.067 in
Kd2: 3.65

otes

tart up date 12/21/98 Start up time 1:15 p.m.





Ridgeway

ARIZONA OIL CORP

ST. JOHN'S, ARIZONA CO, PROJECT

Daily Report for Well # 10-16
1/4/99 8:13:13 AM

?/N

899

Analog Readings

Pressure: 526.69 psia
Delta Pressure: 0 in H2O
Temperature: 14.69 F
Tank Volume: 1.17 bbls
Battery: 13.13 V

RTU Warnings
Drain Problem

Valve Status

Flow: Partial
Drain: Closed

Column Head Pressures

Channel A: 55 psia
Channel B: 45 psia
Channel C: 56 psia

Mix as of 1/3/99 3:38:45 PM

Methane: 0
Ethane: 0
Propane: 0
i-Butane: 0
n-Butane: 0
Carbon Dioxide: 99.996
Ethylene: 0
Nitrogen: 0.004
Oxygen: 0
Carbon Monoxide: 0
Hydrogen Sulfide: 0
n-Pentane: 0
i-Pentane: 0
i-Hexane: 0
Helium: 0

Flow

Current: 0 MSCFD
Today: 931.38 MSCF
Total Drain: 20.64 bbls
Last 7 Days (in MSCF):
321.26
1167.23
1787.62
1415.76
1013.98
279.19

7 Day Total: 5985.04 MSCF
7 Day Average: 997.51 MSCF

Flow Control
None

Current Wedge
Wedge 2 (Big Flow)
H/D: 0.5
Pipe D: 3.067 in
Kd2: 3.65

Notes

Start up date 12/21/98
Start up time 1:15 p.m.

NOTE: this well has Poly-Bore casing liner



Sundry Notice And Reports on Wells

1 Name of Operator Ridgeway AZ. Oil Corp.

2 Oil Well ☐ Gas Well ☐ Other ☒ (Specify) Co2

3 Well Name State10-16
 Location 1980 fwl & 1980 fsl
 Sec. 16 Twp. 10n Rge. 31e County: Apache, Arizona

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5 Field or Pool Name Wildcat

6 Check Appropriate Box to indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
<input type="checkbox"/> TEST WATER SHUT-OFF	<input type="checkbox"/> PULL OR ALTER CASING	<input type="checkbox"/> WATER SHUT-OFF	<input type="checkbox"/> WEEKLY PROGRESS
<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> DIRECTIONAL DRILL	<input type="checkbox"/> FRACTURE TREATMENT	<input type="checkbox"/> REPAIRING WELL
<input type="checkbox"/> SHOOT OR ACIDIZE	<input type="checkbox"/> PERFORATE CASING	<input type="checkbox"/> SHOOTING OR ACIDIZE	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> REPAIR WELL	<input type="checkbox"/> CHANGE PLANS	<input type="checkbox"/> ABANDONMENT	<input type="checkbox"/>
OTHER <u>Flow Test</u>	<input checked="" type="checkbox"/> OTHER		

DESCRIBE PROPOSED OR COMPLETED OPERATIONS (clearly state all pertinent details, and give pertinent dates, including estimated dates of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Proposed start date 12/16/98

Dec. 16, 1998 tentative start up date.
 Rig up test unit to well, document shut in pressure
 open well to surface
 Flow well for approximately 15 dys
 shut in for build up



8 I hereby certify that the foregoing is true and correct.

Signed

[Signature]

Title

Production Manager

Date

10/06/98

**STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION**

Sundry Notice and Reports on Wells
File one Copy

Form No. 25

Permit No. 899

Sundry Notice And Reports on Wells

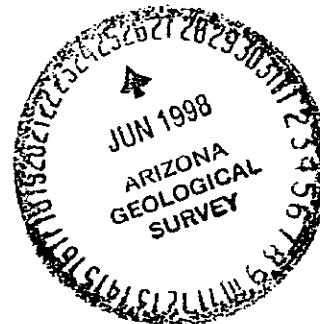
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location
Sec. 16 Twp. 10n Rge. 31e County: Apache, Arizona
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TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZE	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	OTHER	<input type="checkbox"/>
OTHER	<input type="checkbox"/>		

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Proposed start-up date 7/10/98

This is to inform the Oil and Gas Survey, of our change of date
the well program has not changed, if there are any questions please advise



8 I hereby certify that the foregoing is true and correct.

Signed

[Signature]

Title

Production Manager

Date

6/15/98

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

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location
Sec. 16 Twp. 10 n Rge. 31e County: Apache, Arizona
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NOTICE OF INTENTION TO:

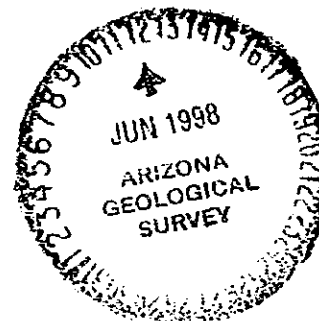
SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	WEEKLY PROGRESS	<input type="checkbox"/>
FRACTURE TREAT	<input checked="" type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZE	<input type="checkbox"/>	ALTER CASING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	OTHER	<input type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>
OTHER	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

DESCRIBE PROPOSED OR COMPLETED OPERATIONS (clearly state all pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Proposed frac date: 6/15/98

Move in Dowell, rig up
Frac from 2453' to 2728'
Pump 75,000 # of 16/30 Frac sand with Cross linked gel



8 I hereby certify that the foregoing is true and correct.

Signed

Title

Production Manager

Date

6/11/98

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION

Sundry Notice and Reports on Wells
File one Copy

Form No. 25

Permit No. 899



Ridgeway
Arizona Oil Corporation

June 10, 1998

Mike Rice
Mineral Manager
State Land Dept.
1616 W. Adams
Phoenix AZ, 85007

899

Dear Mike,

We are writing this letter to inform you of a well completion on state 10-16-31e

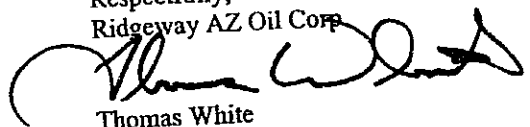
- ◆ Permit number 00899
- ◆ Lease Number 13-101540
- ◆ Proposed start date 6/15/98
- ◆ Access use existing road to gain access to location.
- ◆ Land Description Township 10n, Range 31e, Section 16, - 1980' fwl & 1980' fsl
- ◆ Vehicles and equipment to be used 30-ton work over rig, 120-bbl. Water truck, pick up trucks, flatbed semi-truck.
- ◆ Location and area used Will use existing location with existing pit.
- ◆ Water use City water provided by the city of Springerville

Completion program as follows:

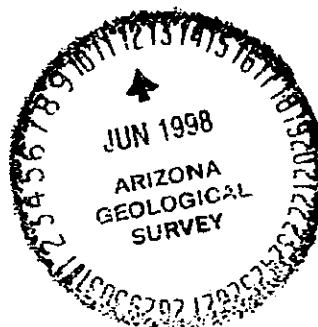
- 1) Move Pool Co. Rig # 669 to location nipple up B.O.P. and rig up completion rig
- 2) Pick up 4 3/4 drill bit and work string (2-3/8 tubing).
- 3) Drill out Cement Shoe @ 2453'
- 4) Drill new hole from 2453' to 2728'
- 5) Circulate hole clean, pull out of hole
- 6) Log well using Schlumberger
- 7) Run in hole with work string and displace hole with kcl water
- 8) Nipple down and move completion rig
- 9) Rig up Dowell Pump trucks for cross-linked gel frac job
- 10) Frac well using 75,000 # of 16/30 sand, flow well back and shut-in

If there are any questions please feel free to contact either Don Riggs or myself.

Respectfully,
Ridgeway AZ Oil Corp


Thomas White
Production Manager

Cc : Kenneth Rosen, ALD
Chet Oakley
Yost Ranch



P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 587 3522



June 10, 1998

Mike Rice
Mineral Manager
State Land Dept.
1616 W. Adams
Phoenix AZ, 85007

899

Dear Mike,

We are writing this letter to inform you of a well completion on state 10-16-31e

- ◆ Permit number 00899
- ◆ Lease Number 13-101540
- ◆ Proposed start date 6/15/98
- ◆ Access use existing road to gain access to location.
- ◆ Land Description Township 10n, Range 31e, Section 16,- 1980' fwl & 1980' fsl
- ◆ Vehicles and equipment to be used 30-ton work over rig, 120-bbl. Water truck, pick up trucks, flatbed semi-truck.
- ◆ Location and area used Will use existing location with existing pit.
- ◆ Water use City water provided by the city of Springerville

Completion program as follows:

- 1) Move Pool Co. Rig # 669 to location nipple up B.O.P. and rig up completion rig
- 2) Pick up 4 3/4 drill bit and work string (2-3/8 tubing).
- 3) Drill out Cement Shoe @ 2453'
- 4) Drill new hole from 2453' to 2728'
- 5) Circulate hole clean, pull out of hole
- 6) Log well using Schlumberger
- 7) Run in hole with work string and displace hole with kcl water
- 8) Nipple down and move completion rig
- 9) Rig up Dowell Pump trucks for cross-linked gel frac job
- 10) Frac well using 75,000 # of 16/30 sand, flow well back and shut-in

If there are any questions please feel free to contact either Don Riggs or myself.

Respectfully,
Ridgeway AZ Oil Corp

A handwritten signature in black ink, appearing to read "Thomas White".

Thomas White
Production Manager

Cc : Kenneth Rosen, ALD
Chet Oakley
Yost Ranch



P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 587 3522

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Ridgeway AZ Oil Corp.
 2. OIL WELL ☐ GAS WELL ☐ OTHER ☒ (Specify) CO2
 3. Well Name State 10-16-31
 Location 1980 FWL & 1980 FSL
 Sec. 16 Twp. 10 Rge. 31 County Apache, Arizona
 4. Federal, State, or Indian Lease Number, or lessor's name if fee lease 13-101540

5. Field or Pool Name _____

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
 FRACTURE TREAT ☐
 SHOOT OR ACIDIZE ☐
 REPAIR WELL ☐
 PULL OR ALTER CASING ☐
 DIRECTIONAL DRILL ☐
 PERFORATE CASING ☐
 CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
 FRACTURE TREATMENT ☐
 SHOOTING OR ACIDIZING ☐
 WEEKLY PROGRESS ☐
 REPAIRING WELL ☐
 ALTER CASING ☐
 ABANDONMENT ☐

(OTHER) Drill out cement plug

☒

(OTHER) _____

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form 4)

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Proposed start up date 6-8-98

Program as follows

Re-enter well w/4 3/4 bit drill out cement shoe and prepare well for completion.

Fax to Tom White
 520-337-3162
 6-10-98 @ 8:00a



8. I hereby certify that the foregoing is true and correct

Signed _____

Title Production Manager Date 5-27-98

Permit No. 899

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION

Form No. 25

Sundry Notice and Reports On Wells
 File One Copy

Mail Completed Form to: Oil & Gas Program Administrator
 Arizona Geological Survey
 416 W. Congress #100
 Tucson AZ 85701-1315

5/96

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator Ridgeway AZ Oil Corp.
2. OIL WELL ☐ GAS WELL ☐ OTHER ☒ (Specify) CO2
3. Well Name State 10-16-31
Location 1206 F/WL & 2260 F/SL *wrong footages right footages = 1980' fuel + 1980' fsl*
Sec. 16 Twp. 10 Rge. 31 County Apache, Arizona
4. Federal, State, or Indian Lease Number, or lessor's name if fee lease 13-101533 *wrong lesse # right # = 13-101540*
5. Field or Pool Name Wildcat
6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

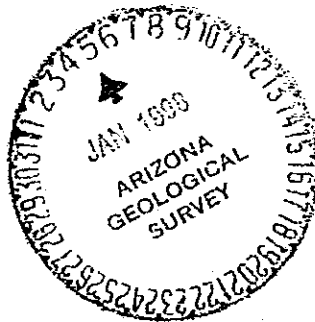
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	WEEKLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input checked="" type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form 4)

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

12-19-97 - Rig up to state 10-16
12-28 to 12-31 - Drill out fiberglass casing to T. D.
1-1-98 - Circulate @ T.D. (2,458), run 5½" 14# casing to 2450 and cement in place using 226 C.F. of class G cement, well shut in

Note: Request temporary abandonment status until completion we will be running Polybore casing line inside 5½ casing. This well will be an open hole completion.



8. I hereby certify that the foregoing is true and correct.
Signed Thom White

Title Production Manager Date 1-2-97 1998

Permit No. 903 *wrong # 1 right # = 899*

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notice and Reports On Wells
File One Copy

Form No. 25
Mail Completed Form to: Oil & Gas Program Administrator
Arizona Geological Survey
416 W. Congress #100
Tucson AZ 85701-1315

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Ridgeway Az Oil Corp.
 2. OIL WELL ☐ GAS WELL ☐ OTHER ☒ (Specify) CO2
 3. Well Name State 10-16-31
 Location 1980 FWL & 1980 FSL
 Sec. 16 Twp. 10N Rge. 31E County Apache, Arizona
 4. Federal, State, or Indian Lease Number, or lessor's name if fee lease 13-101540

5. Field or Pool Name Wildcat

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	WEEKLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>		ABANDONMENT <input type="checkbox"/>
(OTHER) <u>Re-Drill Well</u>		(OTHER) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form 4)

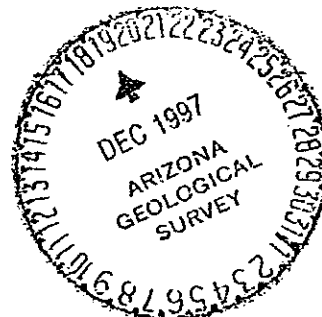
1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Proposed Start update 12-27-97

Program as follows:

Re-enter exsisting well bore and drill out 4½" fiberglass casing to bottom of well. Set 5½" 14 bl casing @ 2710' cement to surface.

5½" casing will belined with poly-bore casing liner @ a later date.



8. I hereby certify that the foregoing is true and correct.

Signed Thomas A. [Signature]

Title Production Manager

Date 12-17-97

Permit No. 899

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
 Sundry Notice and Reports On Wells
 Form No. 25 File One Copy

Mail Completed Form to: Oil & Gas Program Administrator
 Arizona Geological Survey
 416 W. Congress #100
 Tucson AZ 85701-1315

5/96

*Amended 10-24-97

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator Ridgeway AZ Oil Corp.
2. OIL WELL ☐ GAS WELL ☐ OTHER ☒ (Specify) CO2
3. Well Name State 10-16-31
Location 1980 FWL & 1980 F/SL
Sec. 16 Twp. 10N Rge. 31 E County Apache, Arizona
4. Federal, State, or Indian Lease Number, or lessor's name if fee lease 13-101540
5. Field or Pool Name Wildcat
6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	WEEKLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>		ABANDONMENT <input type="checkbox"/>
(OTHER) _____		(OTHER) <u>Well Summary Report</u>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form 4)

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

7-28-97 Try to frac well, casing parted, shut in well, rig down.
8-05-97 Rig up, pick up tubing and bridge plug run in hole set plug @ 2490' (shut well in).
8-06-97 Try to fill hole to pressure test, could not fill hole, fluid @ 1092', nipple down (shut in well).
8-11-97 Rig up pull 4½" casing (retrieved 37 jts @ 1090') shut in well.
8-12-97 Rig up 4½" spear trip in hole, retrieve fish (10 jts. 4½" casing).
8-13-97 Trip in hole stav lower casing, screw together, pressure test to 400# casing parted, trip out of hole, run in with casing spear, trip out (no fish) Shut well in
8-14-97 Trip in hole could not get inside of casing, trip in with mule shoe could not get in casing, shut in well (waiting on Centron to build tool to retrieve casing).

Note: Requested temporary abandonment status 9-18-97 no work has been done on this well since 8-14-97.

*279 sacks 50/50 pos., class G, cement did not circulate to surface.

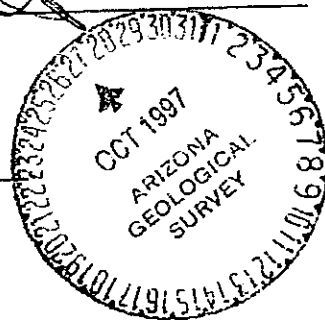
FILE COPY

8. I hereby certify that the foregoing is true and correct.

Signed [Signature]

Title Production Manager Date 10-15-97

Permit No. 899



STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notice and Reports On Wells
Form No. 25
File One Copy

Mail Completed Form to: Oil & Gas Program Administrator
Arizona Geological Survey
418 W. Congress #100
Tucson AZ 85701-1315

5/98

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Ridgeway AZ Oil Corp.
 2. OIL WELL ☐ GAS WELL ☐ OTHER ☒ (Specify) CO2
 3. Well Name State 10-16-31
 Location 1980 FWL & 1980 F/SL
 Sec. 16 Twp. 10N Rge. 31 E County Apache, Arizona
 4. Federal, State, or Indian Lease Number, or lessor's name if fee lease 13-101540

5. Field or Pool Name Wildcat

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
 FRACTURE TREAT ☐
 SHOOT OR ACIDIZE ☐
 REPAIR WELL ☐

PULL OR ALTER CASING ☐
 DIRECTIONAL DRILL ☐
 PERFORATE CASING ☐
 CHANGE PLANS ☐

WATER SHUT-OFF ☐
 FRACTURE TREATMENT ☐
 SHOOTING OR ACIDIZING ☐

SUBSEQUENT REPORT OF:

WEEKLY PROGRESS ☐
 REPAIRING WELL ☐
 ALTER CASING ☐
 ABANDONMENT ☐

(OTHER) Well Summary Report ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form 4)

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- 7-28-97 Try to frac well, casing parted, shut in well, rig down.
- 8-05-97 Rig up, pick up tubing and bridge plug run in hole set plug @ 2490' (shut well in).
- 8-06-97 Try to fill hole to pressure test, could not fill hole, fluid @ 1092', nipple down (shut in well).
- 8-11-97 Rig up pull 4½" casing (retrieved 37 jts @ 1090') shut in well.
- 8-12-97 Rig up 4½" spear trip in hole, retrieve fish (10 jts. 4½" casing).
- 8-13-97 Trip in hole stav lower casing, screw together, pressure test to 400# casing parted, trip out of hole, run in with casing spear, trip out (no fish) Shut well in.
- 8-14-97 Trip in hole could not get inside of casing, trip in with mule shoe could not get in casing, shut in well (waiting on Centron to build tool to retrieve casing).

Note: Requested temporary abandonment status 9-18-97 no work has been done on this well since 8-14-97.

8. I hereby certify that the foregoing is true and correct.

Signed Thomas A. Clark

Title Production Manager Date 10-15-97

Permit No. 899



STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Sundry Notice and Reports On Wells File One Copy	
Form No. 25	5/98
Mail Completed Form to: Oil & Gas Program Administrator Arizona Geological Survey 416 W. Congress #100 Tucson AZ 85701-1315	

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator Ridgeway Az Oil Corp.
 2. OIL WELL ☐ GAS WELL ☐ OTHER ☒ (Specify) CO2
 3. Well Name State 10-16-31
 Location 1980 FWL & 1980 F/SL
 Sec. 16 Twp. 10N Rge. 31E County Apache, Arizona
 4. Federal, State, or Indian Lease Number, or lessor's name if fee lease 13-101540

5. Field or Pool Name Wildcat

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	WEEKLY PROGRESS <input type="checkbox"/>		
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>		
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>		
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>		ABANDONMENT <input type="checkbox"/>		
(OTHER) _____		(OTHER) <u>Temporary Abandonment</u>			<input checked="" type="checkbox"/>

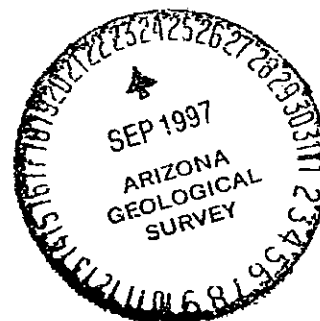
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form 4)

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The well mechanical conditions are as follows:
 8 5/8" casing set at 876'
 4 1/2" A.C.G. fiberglass casing set @ 2710'

Note: 4 1/2" casing is parted, waiting on Centron to build tool to repair casing

We request T.A.: Status for further evaluation and repair.



8. I hereby certify that the foregoing is true and correct.

Signed [Signature]

Title Productions Mgr. Date 9-18-97

Permit No. 899

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notice and Reports On Wells
 Form No. 25
 Mail Completed Form to: Oil & Gas Program Administrator
 Arizona Geological Survey
 416 W. Congress #100
 Tucson AZ 85701-1315

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Ridgeway AZ Oil Corp.

2. OIL WELL ☐ GAS WELL ☐ OTHER ☒ (Specify) CO2

3. Well Name State 10-16-31

Location 1980 FWL & 1980 F/SL

Sec. 16 Twp. 10N Rge. 31E County Apache, Arizona

4. Federal, State, or Indian Lease Number, or lessor's name if fee lease 13-101540

5. Field or Pool Name Wildcat

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	WEEKLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form 4)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)
- 7-28-97 Well fraced. Developed casing problems on pad. Shot down.
Well shut in waiting on Centron Pipe to build tool to repair casing.



8. I hereby certify that the foregoing is true and correct.

Signed [Signature]

Title VP

Date 8-22-97

Permit No. 899

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Sundry Notice and Reports On Wells
File One Copy

Form No. 25

Mail Completed Form to: Oil & Gas Program Administrator
Arizona Geological Survey
416 W. Congress #100
Tucson AZ 85701-1315

5/96

SUNDRY NOTICES AND REPORTS ON WELLS

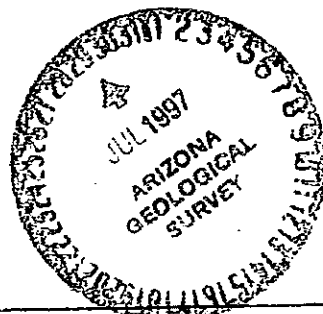
1. Name of Operator Ridgeway AZ Oil Corp.
2. OIL WELL ☐ GAS WELL ☒ OTHER ☐ (Specify) CO2
3. Well Name State 10-16-31
Location 1980' F/WL & 1980 F/SL
Sec. 16 Twp. 10N Rge. 31E County Apache, Arizona
4. Federal, State, or Indian Lease Number, or lessor's name if fee lease 13-101540
5. Field or Pool Name Wildcat
6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	WEEKLY PROGRESS <input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form 4)

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This well was spudded on 4-8-97, temporarily abandoned on 4-16-97.
Moved back on whith air drilling package on 5-3-97, Total Depth
5-7-97. 7-23-97 well was perforated F/2614-2590, Total 48 shots
well will be fraced on 7-28-97.



8. I hereby certify that the foregoing is true and correct.

Signed [Signature]

Title V.P.

Date 7-28-97

Permit No. 899

<p>STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Sundry Notice and Reports On Wells Form No. 25 File One Copy</p>
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Mail Completed Form to: Oil & Gas Program Administrator
 Arizona Geological Survey
 416 W. Congress #100
 Tucson AZ 85701-1315

5/86

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Ridgeway AZ Oil Corp.

2. OIL WELL ☐ GAS WELL ☒ OTHER ☐ (Specify) CO-2

3. Well Name _____

Location _____

Sec. _____ Twp. _____ Rge. _____ County _____, Arizona

4. Federal, State, or Indian Lease Number, or lessor's name if fee lease _____

5. Field or Pool Name _____

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	WEEKLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) _____	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form 4)

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

GENERAL INFORMATION:

Wells 3-1 and 22-1X have been tested by B.C. Services and we are waiting on their reports. All well signs should be delivered by August 15, 1997. We are planning 3 more Arizona wells in September, 1997.

file 899



8. I hereby certify that the foregoing is true and correct.

Signed _____

Title VP

Date 7-28-97

Permit No. _____

STATE OF ARIZONA

OIL & GAS CONSERVATION COMMISSION

Sundry Notice and Reports On Wells

File One Copy

Form No. 25

Mail Completed Form to: Oil & Gas Program Administrator
 Arizona Geological Survey
 416 W. Congress #100
 Tucson AZ 85701-1315

May 12, 1997

Memo: Ridgeway 10-16-31 State file, Permit 899
From: *SLR* Steven L. Rauzi
Re: *SLR* Drilling summary from 5/2 to 5/7/97

5/2 NU BOP and blooey line

5/3 Redrill mouse and rat hole
Pack swivel and RU to drl with air
PU DC & DP, tag cmt at 690'
PU kelly and unload hole, drl plug 690-744'
TIH w/ DP and tag at 1300'
Drl 1300-1442'

5/4 Drl 1442-2650', TOH for logs
Loggers hit bridge at 1350', TOH & shorten tool
TIH & hit bridge at 1350', TOH.
TIH and fill at 2337', wash to bottom

5/5 Drl 2650-2728', circulate
4:15-5:15 (1 hr) TOH LD DP (OOPS)
5:15-6:30 (1 1/4 hrs) PU DP to kill well
6:30-8:00 (1 1/2 hrs) Try to kill well
8:00-9:00 (1 hr) Kill well on bottom
9:00-4:00 (7 hrs) Pump one bbl/min through kill line. RU steel pit &
mix pit of mud in same
4:00-6:00 (2 hrs) Pump 200 barrels KCL at 2 bpm
6:00-12:00 (6 hrs) Wait on Dawn Trucking to bring steel pit & mud

5/6 12:00-8:00 (8 hrs) Wait on steel pit and mud
8:00-11:30 (3 1/2 hrs) RU steel pit & mix 250 bbls 50 vis, 9.5# mud
11:30-1:00 (1 1/2 hrs) Wash bridge & fill from 2620-2728' & pump
250 bbls good mud in hole
1:00-3:00 (2 hrs) LDDP & DC
3:00-6:00 (3 hrs) RU & run 4 1/2" casing
RU DS and cement, lock up at 700 barrels

5/7 RD & move rig
RU on 12-15-20 State

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Ridgeway Arizona Oil Corporation
 2. OIL WELL ☐ GAS WELL ☒ OTHER ☐ (Specify) CO2
 3. Well Name State 10-16-31
 Location 1980' F/WL & 1980' F/SL
 Sec. 16 Twp. 10N Rge. 31E County Apache, Arizona
 4. Federal, State, or Indian Lease Number, or lessor's name if fee lease _____

5. Field or Pool Name _____

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
 FRACTURE TREAT ☐ DIRECTIONAL DRILL ☐
 SHOOT OR ACIDIZE ☐ PERFORATE CASING ☐
 REPAIR WELL ☐ CHANGE PLANS ☐

(OTHER) Temporary Abandonment

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ WEEKLY PROGRESS ☐
 FRACTURE TREATMENT ☐ REPAIRING WELL ☐
 SHOOTING OR ACIDIZING ☐ ALTER CASING ☐
 ABANDONMENT ☐

(OTHER) _____

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form 4)

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Encountered Lost Circulation @ 1346'. After six attempts to regain circulation, we set cast iron bridge plug @ 740'. Will re-enter & air drill to 2500' at a later date.

APPROVED

OIL & GAS CONSERVATION COMMISSION
STATE OF ARIZONA

By SL Rausi by phone

Date 4/16/97

8. I hereby certify that the foregoing is true and correct.

Signed _____

Title Vice President Date 4/21/97

Permit No. 00899

**STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION**

Sundry Notice and Reports On Wells

Form No. 25

File One Copy

Mail Completed Form to: Oil & Gas Program Administrator
Arizona Geological Survey
416 W. Congress #100
Tucson AZ 85701-1315

5/99

April 23, 1997

Memo: Ridgeway 10-16-31 State file, Permit 899
From: *SLR* Steven L. Rauzi
Re: Drilling summary from 4/12 to 4/15/97

Drlg 1050-1225' lost all returns
Drlg 1225-1262' no returns

- 4/12 Dry drlg 1262-1384' used 700 barrels
Open cave or fracture from 1340-47'
Cmt open ended at 1217', 286 sxs (58 bbls)
- 4/13 Tag cmt at 1170', no circulation
Cmt at 830', 200 sxs (42 bbls)
TOH 13 stands and 1 single
- 4/14 Tag cmt at 650'
Drl cmt and lost circ at 1354'
Drl 1354-1447' without returns
TIH and spot mud pill at 1400'
TOH to 1300' and cmt with 78 sxs (16 bbls)
- 4/15 Tag cmt at 1417'
TIH to 1250' w/ DP open ended
Spot 49 sxs cmt (10 bbls) at 1250'
Pull 6 stands and spot 49 sxs cmt (10 bbls) at 890'
TOH TIH and spot 146 sxs cmt (30 bbls) at 1190'
TIH and tag cmt at 1190'
Drlg cmt w/ full returns to 1322'
Drlg cmt from 1322-1354' without returns
LDDP and DC, nipple down, rig down
- 4/16 Temporarily abandon 10-16-31 well
- 4/17 Move to 10-26-29 location

MEMORANDUM TO FILE

DATE: April 11, 1997

FROM: *SLR* Steven L. Rauzi
Oil and Gas Program Administrator

SUBJECT: CEMENTING OF 8 5/8" CASING
Ridgeway Arizona Oil Corp 10-16-31 State, Permit #899
NE SW Sec. 16, T. 10 N., R. 31 E., Apache County

Drive to 10-16-31 State on April 10 after LPG facility inspection at Adamana.

Arrive 10-16-31 location @ 3:50 p.m. Rig idle, waiting on bearing for rotary table.

From the tour book:

Drilled to surface casing total depth of 1050 feet.
Ran 21 joints of 8 5/8" casing, tallied at 901 feet, set at 876 feet KB.
Washed casing to bottom and stopped at 876 feet.
Cemented April 9, plug down at 1:30 p.m. Cement did not circulate.
Filled annulus to surface with 4 yards ready-mix concrete.
Tested BOPE to 990 psi April 10 and all held good.

10-16-31 State (PIN 899)

4-8-97 Call Don Riggs

Drilling at 65' @ 6:00 am

Spudded ~ 300 am, moved rig yesterday Monday Apr. 7

Don Riggs calls ~ 8:30 pm

Will be cementing 8 5/8" CS5 @ 1030' ~ 3:00 am

Drilled w/out returns but had 6 frac tanks & 3 with trucks

Will need to top-off Wednesday am ~ 7:30 am.

4-10-97 Arrive 10-16-31 @ 3:50 pm - Waiting on bearings for rotary table

Ran 21 jts 8 5/8" CS5, tallied @ 901', set at 876' KB

T.D. 1050' wash CS5 to bottom & stopped @ 876'

Cmt'd 4/9/97, plug down @ 1:30 pm.

Fill annulus to surface w/ 4 yds concrete

Test BOPE to 900 psi 4/10/97 & all held good.

4/14/97 Lost circ when drilled out surf CS5 @ 876' on 4/11/97

Have cemented twice @ 1200'

A 6' void @ 1385'

Possible miscalculation on cmt as TOC in pipe was 600'

If can't regain circ then drill to TD blind.

4/16/97 Don Riggs called.

Have cavern they can't fill up.

Cmt'd hole Saturday, Sunday, Monday, & Tuesday.

A cave from 1340' - 1347'

Will TA w/ BP & put together an ait package fr Texas.

move to & drill 10-26-29 State

Move back & drill 10-16-31 with ait

Will submit Sunday Notice for TA.

5-8-97 Don Riggs: finished 10-16-31 @ 2728'



PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: RIDGEMY ARIZONA OIL CORP
(OPERATOR)

to drill a well to be known as

10--15-31 STATE
(WELL NAME)

located 1980' FWL & 1980' FSL

Section 16 Township 10N Range 31E, APACHE County, Arizona.

The +/- 640 ACRES of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 13 day of MARCH, 1997.

OIL AND GAS CONSERVATION COMMISSION

By Steven L. Ravis

~~EXECUTIVE DIRECTOR~~

OIL & GAS PROGRAM ADMINISTRATOR

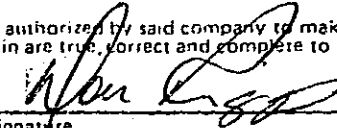
PERMIT 00889

RECEIPT NO. 3097

A.P.I. NO. 02-001-20311

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER			
APPLICATION TO DRILL <input checked="" type="checkbox"/>		RE-ENTER OLD WELL <input type="checkbox"/>	
Ridgeway Arizona Oil Corp. NAME OF COMPANY OR OPERATOR			
PO Box 1110 St. Johns, AZ 85936 Address City State			
Aztec Well Service Drilling Contractor			
PO Box 100 Aztec, NM 87410 Address			
DESCRIPTION OF WELL AND LEASE			
Federal, State or Indian Lease Number, or if fee lease, name of lessor 13-101-540	Well number 10-16-31	Elevation (ground) 7246.1	
Nearest distance from proposed location to property or lease line: 1980' feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: feet		
Number of acres in lease: 2431.26	Number of wells on lease, including this well, completed in or drilling to this reservoir: 1		
If lease, purchased with one or more wells drilled, from whom purchased: Name Address			
Well location (give footage from section lines) 1980' F/WL 1980' F/SL	Section—township—range or block and survey S16 T10N R31E G&SRM	Dedication (Comply with Rule 105) 640 Ac. SW 1/4	
Field and reservoir (if wildcat, so state) Wildcat - Ft. Apache	County Apache		
Distance in miles, and direction from nearest town or post office 15 mi. NE of Springerville, AZ			
Proposed depth: 2400' +or-	Rotary or cable tools Rotary	Approx. date work will start 4/9/97	
Bond Status <u>On file</u> Amount \$25,000.	Organization Report On file <input checked="" type="checkbox"/> Or attached	Filing Fee of \$25.00 Attached <input checked="" type="checkbox"/>	
Remarks:			
<p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Vice President</u> of the <u>Ridgeway AZ Oil Corp.</u> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p> <div style="text-align: right;">  Signature </div> <div style="text-align: right;"> 3/5/97 Date </div>			
API # 02-001-20311			
Permit Number: <u>899</u> Approval Date: <u>03/13/97</u> Approved By: <u>Steven L. Raiz</u> Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.		STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application to Drill or Re-enter File Two Copies Form No. 3	

P/N 899

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
3. ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES XX NO
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES NO . If answer is "yes," Type of Consolidation
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description

CERTIFICATION

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Name Ken Flygare

Position Surveyor

Company

Date 3-7-97

I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed Feb 12, 1997

Registered Professional Engineer and/or Land Surveyor 23947

Ken Flygare

Certificate No. 23947

REGISTERED LAND SURVEYOR
STATE OF ARIZONA
KENNETH FLYGARE
1-1-97
ARIZONA, U.S.A.

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
8 5/8"	23#	K-55	SURF	+/-1100'	CIRC	560	G
4 1/2"	4.25#	FIBERGLASS	SURF	+/-2600'	CIRC	730	POZ

DRILLING WELL PROGNOSIS

OPERATOR Ridgeway Arizona Oil Corp LEASE State NO. 10-16-31
 LOCATION Sec. 16 T10N R31E
 COUNTY Apache STATE Arizona
 ELEVATION: Ground Level 7246.1 Kelly Bushing 7260.

GEOLOGICAL PROGRAM

Tops	Depth	Cores-Depths	Drill Stem Tests-Depths
Glorieta	1123		
Supai	1333		
Ft. Apache	2038		2030-2108
Big A Butte	2108		2108-2408

Electric Logging: Company Schlumberger Phone 505-325-5006

Logging Program: To be called for by G. Scott III

Well Site Geologist George Scott, III Off Phone 505-622-6713
 Home Phone 505-627-6695 Mob Phone 505-626-4568

Mudlogger: John Dunn Off Phone _____
 Mob (or trailer) Phone 520-587-2451

Coring Co _____ Phone _____

Coring Analysis Co. Reservoirs, Inc. Phone 1-800-925-2446

Drill Stem Testing Co. Baker Oil Tools Phone 505-325-0216

Sample Catching Instructions 2 sets 10'

Drilling Time Instructions 10' Drilling Time

MUD PROGRAM

Mud Engineer & Co. Don Durham Off Phone _____

Home Phone _____ Mob Phone _____

Depths	Instructions
0-1100	35-40 Vis. dispersed 10cc water loss
900-2600	Starch 35-40 Vis.
Log	45 Vis

ENGINEERING PROGRAM

Well Site Engineer/Supervisor Don Riggs Off Phone 520-337-3230

Home Phone _____ Mob Phone 520-587-3522

Drilling Contractor Aztec Well Service Off Phone 505-334-6191

Tool Pusher Buddy/Joel Home Phone _____ Mob Phone 521-7626 then dial 505-320-1144

Cementing Co. Dowell Off Phone 505-325-5096

Water Hauler Dawn Trucking Co. Phone 1-800-343-3205

Casing				Cement	
Hole Size	Csg Size	Weight	Depth Set	Type & Sacks	Est top of cmt
12-3/4	8-5/8	23#	1100 ⁺	Class G 560 sks	surface
7-7/8	4 1/2"	4.25	2600 ⁺	POZ 730 sks	Surface

SHOWS & BREAKS - INSTRUCTIONS Report all show to G. Scott or Don Riggs.

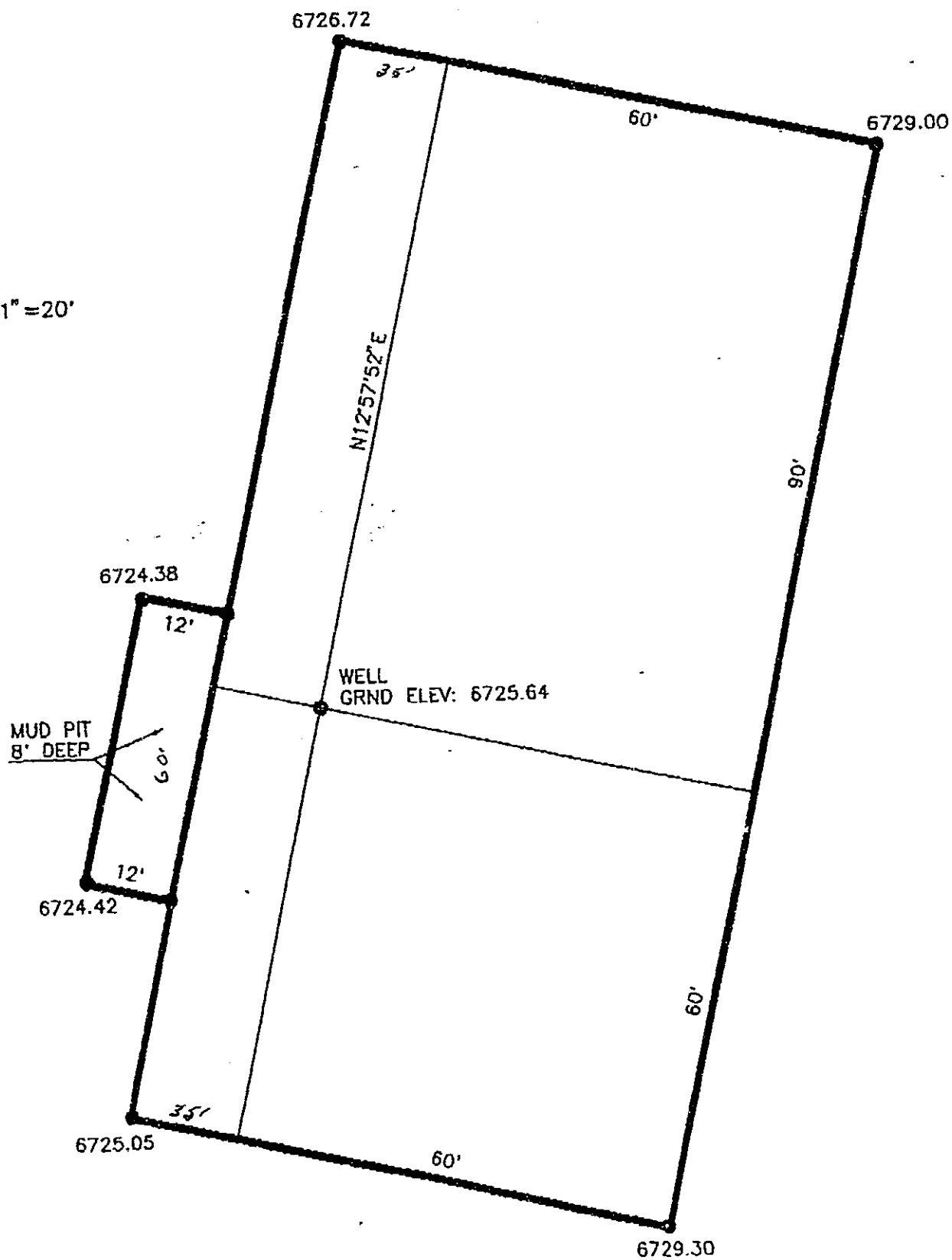
OTHER INSTRUCTIONS _____

DAILY DRILLING REPORTS TO: Ridgeway St. Johns office 520-337-3162

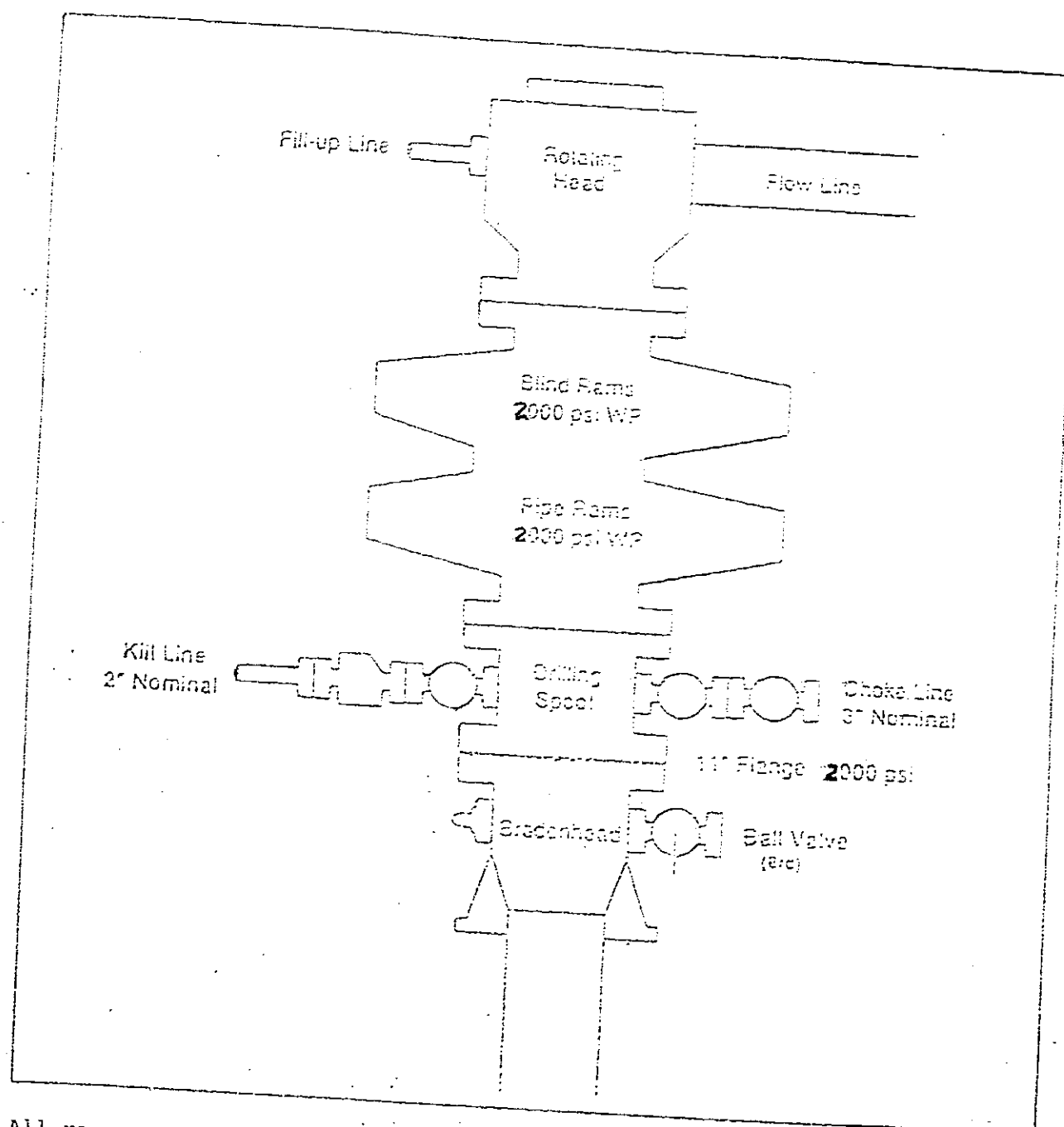
01/11/95 11:08 2403 202 5281

WELL PAD LAYOUT

SCALE: 1"=20'

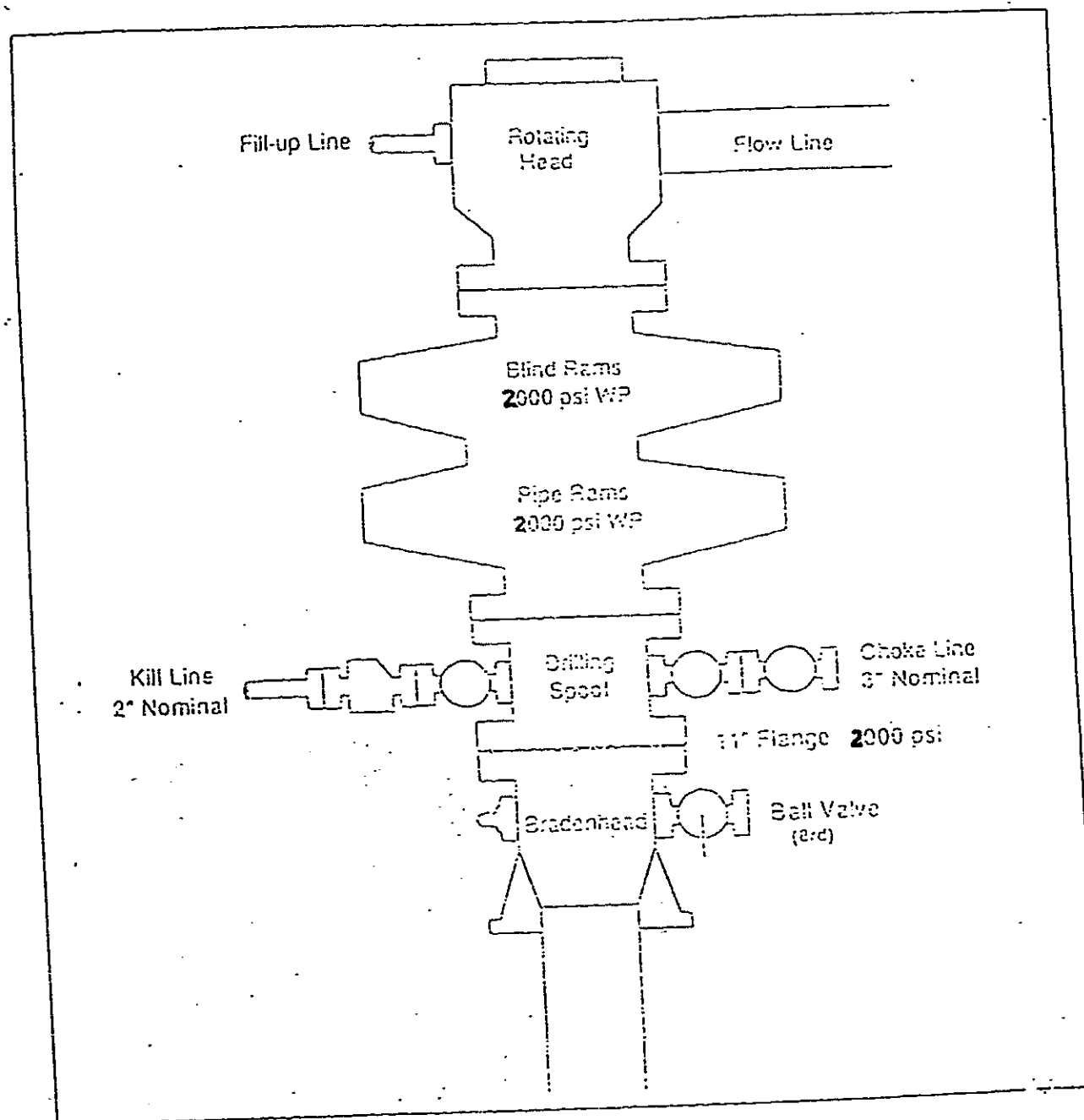


BOP STACK ARRANGEMENT



All ram type preventers and related equipment will be hydraulically tested at nipple-up and after any use under pressure to 600 psi. The blind rams will be hydraulically activated and checked for operational readiness each time pipe is pulled out of the hole. All checks of the BOP stack and equipment will be noted on the daily drilling report. The BOP equipment will include a kelly cock, floor safety valve, and choke manifold all rated to 2000 psi.

BOP STACK ARRANGEMENT



All ram type preventers and related equipment will be hydraulically tested at nipple-up and after any use under pressure to 600 psi. The blind rams will be hydraulically activated and checked for operational readiness each time pipe is pulled out of the hole. All checks of the BOP stack and equipment will be noted on the daily drilling report. The BOP equipment will include a kelly cock, floor safety valve, and choke manifold all rated to 2000 psi.

RIDGEWAY ARIZONA OIL CORP. OPERATING ACCOUNT P. O. BOX 1110 520-337-2458 ST. JOHNS, AZ 85936		1086
PAY TO THE ORDER OF <u>STATE OF ARIZONA</u>		DATE <u>3-5-97</u>
<u>Twenty Five & 100</u>		\$ <u>25.00</u>
BANK ONE. <small>Bank One, Arizona, NA St. Johns Office (043) St. Johns, Arizona</small>		DOLLARS <input checked="" type="checkbox"/>
FOR <u>Permit 10-16-31</u>		<u>[Signature]</u>
⑈001086⑈-⑈122100024⑈		⑈266⑈2327⑈

RECEIPT		Date <u>3-13</u> 19 <u>97</u>	No. <u>3097</u>
Received From <u>RidgeWay Arizona Oil Corp.</u>			
Address <u>PO Box 1110, St. Johns AZ</u>			
<u>Twenty five and 100</u>		Dollars \$ <u>25.00</u>	
For <u>Application Fee 10-16-31 State, Permit 899</u>			
ACCOUNT		HOW PAID	
AMT. OF ACCOUNT	CASH	<u>Check # 1086</u>	
AMT. PAID	CHECK	By <u>Steven L. Rain</u>	
BALANCE DUE	MONEY ORDER		

8K806 Radiform



Ridgeway

ARIZONA OIL CORP

ST. JOHN'S, ARIZONA CO, PROJECT

Daily Report for Well # 10-16
12/29/98 2:04:13 PM

analog Readings

ressure: 179.57 psia
elta Pressure: 19.72 in H2O
emperature: 72.62 F
ank Volume: 0 bbls
attery: 13.25 V

RTU Warnings
None

alive Status

low: Partial
rain: Closed

Column Head Pressures
Channel A: 55 psia
Channel B: 46 psia
Channel C: 54 psia

ix as of 12/29/98 1:41:37 PM

ethane: 0
thane: 0
ropane: 0.004
-Butane: 0
-Butane: 0
arbon Dioxide: 99.99
thylene: 0
itrogen: 0
xygen: 0
arbon Monoxide: 0
ydrogen Sulfide: 0
-Pentane: 0
-Pentane: 0
-Hexane: 0
elium: 0.005

low Control
one

Flow

Current: 1460.85 MSCFD
Today: 1256.26 MSCF
Total Drain: 6.99 bbls
Last 7 Days (in MSCF):

1415.76
1514.13
991.48
1400.54
1381.96
1013.98

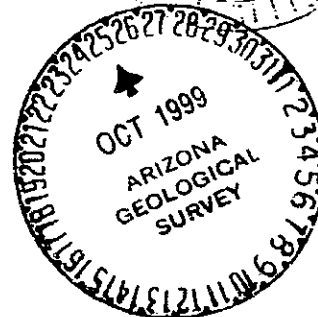
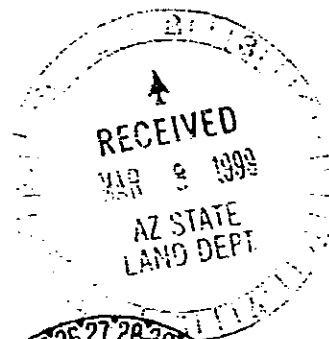
7 Day Total: 7717.85 MSCF
7 Day Average: 1286.31 MSCF

Current Wedge

Wedge 2 (Big Flow)
H/D: 0.5
Pipe D: 3.067 in
Kd2: 3.65

otes

tart up date 12/21/98 Start up time 1:15 p.m.





Ridgeway

ARIZONA OIL CORP

ST. JOHN'S, ARIZONA CO, PROJECT

Daily Report for Well # 10-16
1/4/99 8:13:13 AM

?/N

899

Analog Readings

Pressure: 526.69 psia
Delta Pressure: 0 in H2O
Temperature: 14.69 F
Tank Volume: 1.17 bbls
Battery: 13.13 V

RTU Warnings
Drain Problem

Valve Status
Flow: Partial
Drain: Closed

Column Head Pressures
Channel A: 55 psia
Channel B: 45 psia
Channel C: 56 psia

Mix as of 1/3/99 3:38:45 PM

Methane: 0
Ethane: 0
Propane: 0
i-Butane: 0
n-Butane: 0
Carbon Dioxide: 99.996
Ethylene: 0
Nitrogen: 0.004
Oxygen: 0
Carbon Monoxide: 0
Hydrogen Sulfide: 0
n-Pentane: 0
i-Pentane: 0
i-Hexane: 0
Helium: 0

Flow

Current: 0 MSCFD
Today: 931.38 MSCF
Total Drain: 20.64 bbls
Last 7 Days (in MSCF):
321.26
1167.23
1787.62
1415.76
1013.98
279.19

7 Day Total: 5985.04 MSCF
7 Day Average: 997.51 MSCF

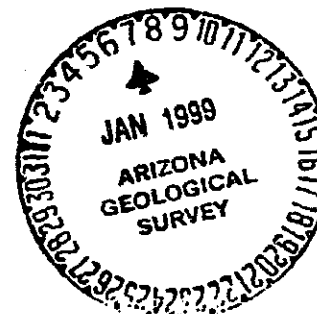
Flow Control
None

Current Wedge
Wedge 2 (Big Flow)
H/D: 0.5
Pipe D: 3.067 in
Kd2: 3.65

Notes

Start up date 12/21/98
Start up time 1:15 p.m.

NOTE: this well has Poly-Bore casing liner



0171171998 17122 505-327-7334

TNT OFFICE SUPPLY

PAGE 01

RECEIVED

JAN 1 1998

R.A.O.C.

RIDGEWAY ARIZONA OIL CORP.
P. O. BOX 1110
ST. JOHN, ARIZONA 85938

DATE: 12-30-98 TO 1-6-99

WELL NAME: STATE # 10-18
FORMATION: RIG ZONE
COUNTY: APACHE
STATE: ARIZONA

P/N 899

CHRONOLOGICAL PRESSURE AND PRODUCTION DATA

DATE	STATUS OF WELL	TIME HR/MM	ELAPSED TIME HRS/10THS	BHP PSIG
12/30/98	ARRIVED ON LOCATION RIG UP AND RUN BUILD UP TEST @ 2453' ON BTM. @	11:45	0	551
		11:51	0.1	551
		11:57	0.2	551
		12:03	0.3	551
		12:09	0.4	551
		12:15	0.5	555
		12:21	0.6	555
		12:27	0.7	555
		12:33	0.8	558
		12:39	0.9	558
		12:45	1	558
		12:51	1.1	558
		12:57	1.2	558
		13:03	1.3	559
		13:09	1.4	559
		13:15	1.5	559
		13:21	1.6	559
		13:27	1.7	562
		13:33	1.8	562
		13:39	1.9	563
		13:45	2	563
		13:51	2.1	565
		13:57	2.2	565
		14:03	2.3	568
		14:09	2.4	568
12/30/98		14:15	2.5	568



01/11/1999 17:22 505-327-7334

TNT OFFICE SUPPLY

PAGE 02

RIDGEWAY ARIZONA OIL CORP.
PAGE TWO
STATE # 10-16

12/30/98

14:21	2.6	568
14:27	2.7	569
14:33	2.8	569
14:39	2.9	571
14:45	3	572
14:51	3.1	574
14:57	3.2	576
15:03	3.3	576
15:09	3.4	577
15:15	3.5	577
15:21	3.6	579
15:27	3.7	579
15:33	3.8	580
15:39	3.9	582
15:45	4	583
15:51	4.1	585
15:57	4.2	585
16:03	4.3	586
16:09	4.4	586
16:15	4.5	588
16:21	4.6	588
16:27	4.7	589
16:33	4.8	591
16:39	4.9	592
16:45	5	594
16:51	5.1	594
16:57	5.2	595
17:03	5.3	595
17:09	5.4	597
17:15	5.5	597
17:21	5.6	599
17:27	5.7	599
17:33	5.8	600
17:39	5.9	602
17:45	6	603
17:51	6.1	603
17:57	6.2	605
18:03	6.3	605
18:09	6.4	606
18:15	6.5	606
18:21	6.6	608
18:27	6.7	608
18:33	6.8	609
18:39	6.9	609
18:45	7	609
18:51	7.1	609
18:57	7.2	611

12/30/98

PAGE 03

12/30/98

19:03	7.3
19:09	7.4
19:15	7.5
19:21	7.6
19:27	7.7
19:33	7.8
19:39	7.9
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18:45	31
19:45	32
20:45	33
21:45	34
22:45	35
23:45	36
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4:45	41
5:45	42
6:45	43
7:45	44
8:45	45
9:45	46
10:45	47

[illegible]

12/31/98

1/1/99

1/1/99

01/11/1999 17:22 525-327-7384

TNT OFFICE SUPPLY

PAGE 04

RIDGEWAY ARIZONA OIL CORP.
PAGE FOUR
STATE # 10-10

1/1/99	11:45	48	614
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	13:45	50	614
	14:45	51	614
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1/6/99	3:45	160	609
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01/21/1999 17:22 505-327-7354

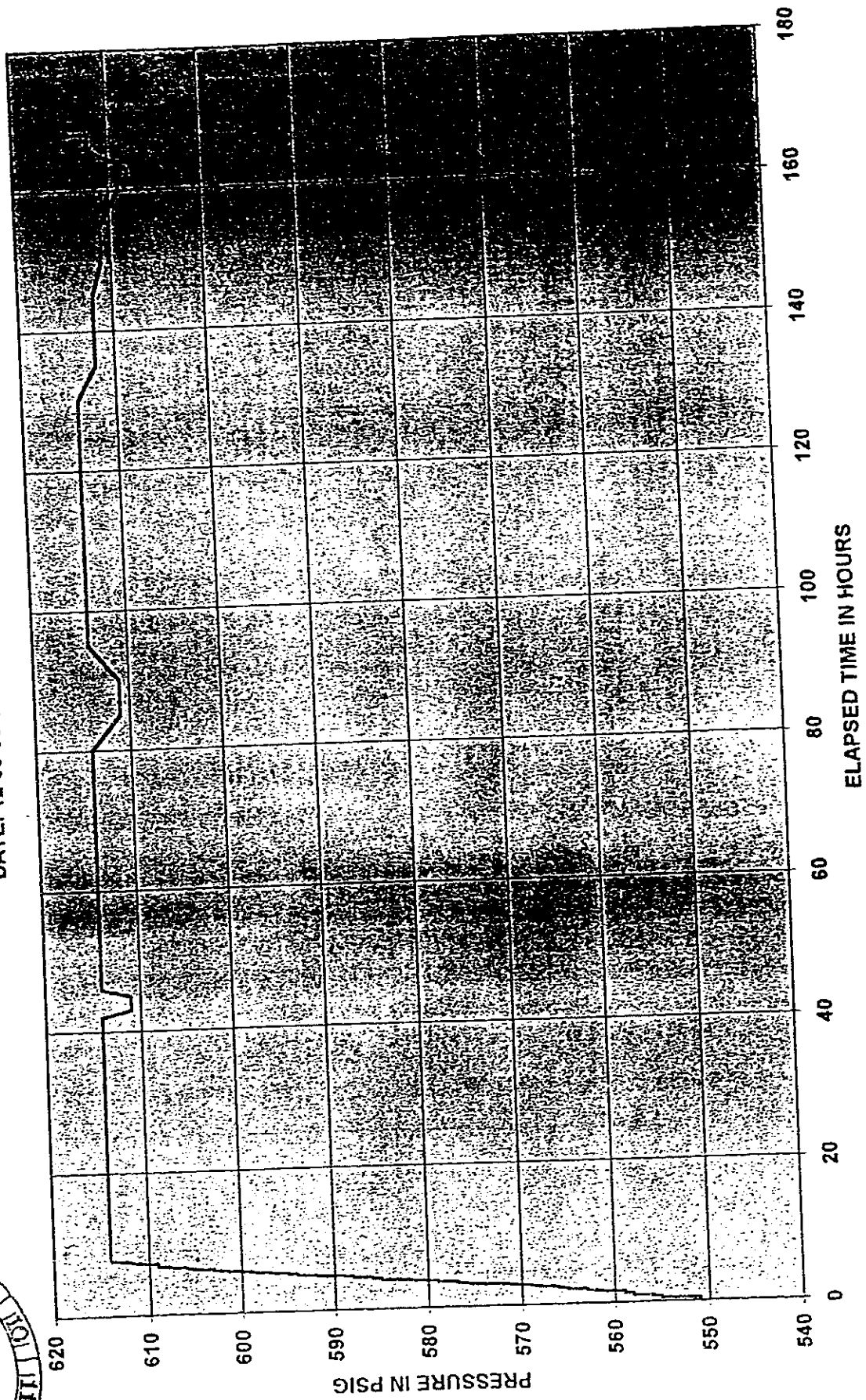
TNT OFFICE SUPPLY

PAGE 05

H & H WIRELINE SERVICE INC.
P. O. BOX 889
FLORA VISTA, NEW MEXICO 87415
OPERATOR: C. HUGHES
UNIT NO. T-11

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MAR 8 1999
AZ STATE
LAND DEPT.

RIDGEWAY ARIZONA OIL CORP. STATE # 10-16
DATE: 12-30-98 THRU 1-6-99



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H & H WIRELINE SERVICE INC.

P. O. BOX 899, FLORA VISTA NEW MEXICO 87415

January 6, 1999

RIDGEWAY ARIZONA OIL CORP.
P. O. BOX 1110
ST. JOHN, ARIZONA 85936

WELL NAME: STATE # 10-16

TYPE TEST: BUILD UP
FORMATION: RIG ZONE
COUNTY: APACHE
STATE: ARIZONA

ATTENTION: MR. TOM WHITE



GENTLEMEN:

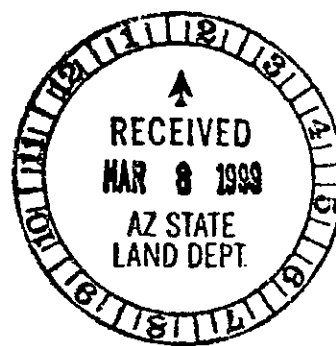
ATTACHED YOU WILL FIND THE RESULTS OF THE ABOVE CAPTIONED TEST OF STATIC GRADIENT SURVEY ON THE ABOVE CAPTIONED WELL WHICH ARE IN TABULAR AND GRAPHICAL FORM.

IT HAS BEEN OUR PLEASURE TO CONDUCT THIS SERVICE FOR YOU. WE ARE LOOKING FORWARD TO SERVING YOU IN THE FUTURE.

THANK YOU.

H & H WIRELINE SERVICE, INC.

CHARLES HUGHES
PRESIDENT



RIDGEWAY ARIZONA OIL CORP.
P. O. BOX 1110
ST. JOHN, ARIZONA 85936

DATE: 12-30-98 TO 1-6-99

WELL NAME: STATE # 10-16
FORMATION: RIG ZONE
COUNTY: APACHE
STATE: ARIZONA

CHRONOLOGICAL PRESSURE AND PRODUCTION DATA

DATE	STATUS OF WELL	TIME HR/MM	ELAPSED TIME HRS/10THS	BHP PSIG
12/30/98	ARRIVED ON LOCATION RIG UP AND RUN BUILD UP TEST @ 2453' ON BTM. @	11:45	0	551
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		11:57	0.2	551
		12:03	0.3	551
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		13:03	1.3	559
		13:09	1.4	559
		13:15	1.5	559
		13:21	1.6	562
		13:27	1.7	562
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		13:39	1.9	563
		13:45	2	565
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		14:09	2.4	568
		14:15	2.5	568

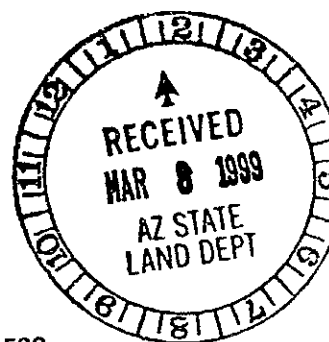
12/30/98

RIDGEWAY ARIZONA OIL CORP.
PAGE TWO
STATE # 10-16

12/30/98

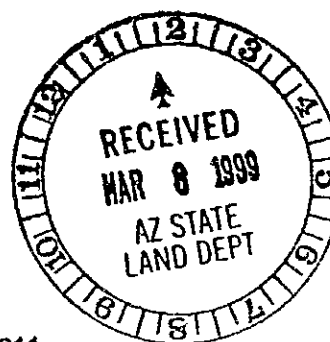
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12/30/98



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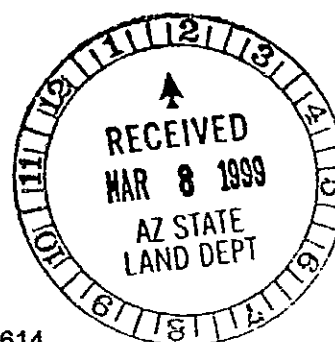
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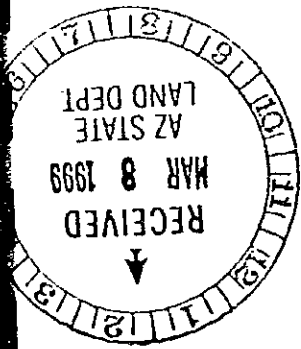
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RIDGEWAY ARIZONA OIL CORP.
PAGE FOUR
STATE # 10-16

dup



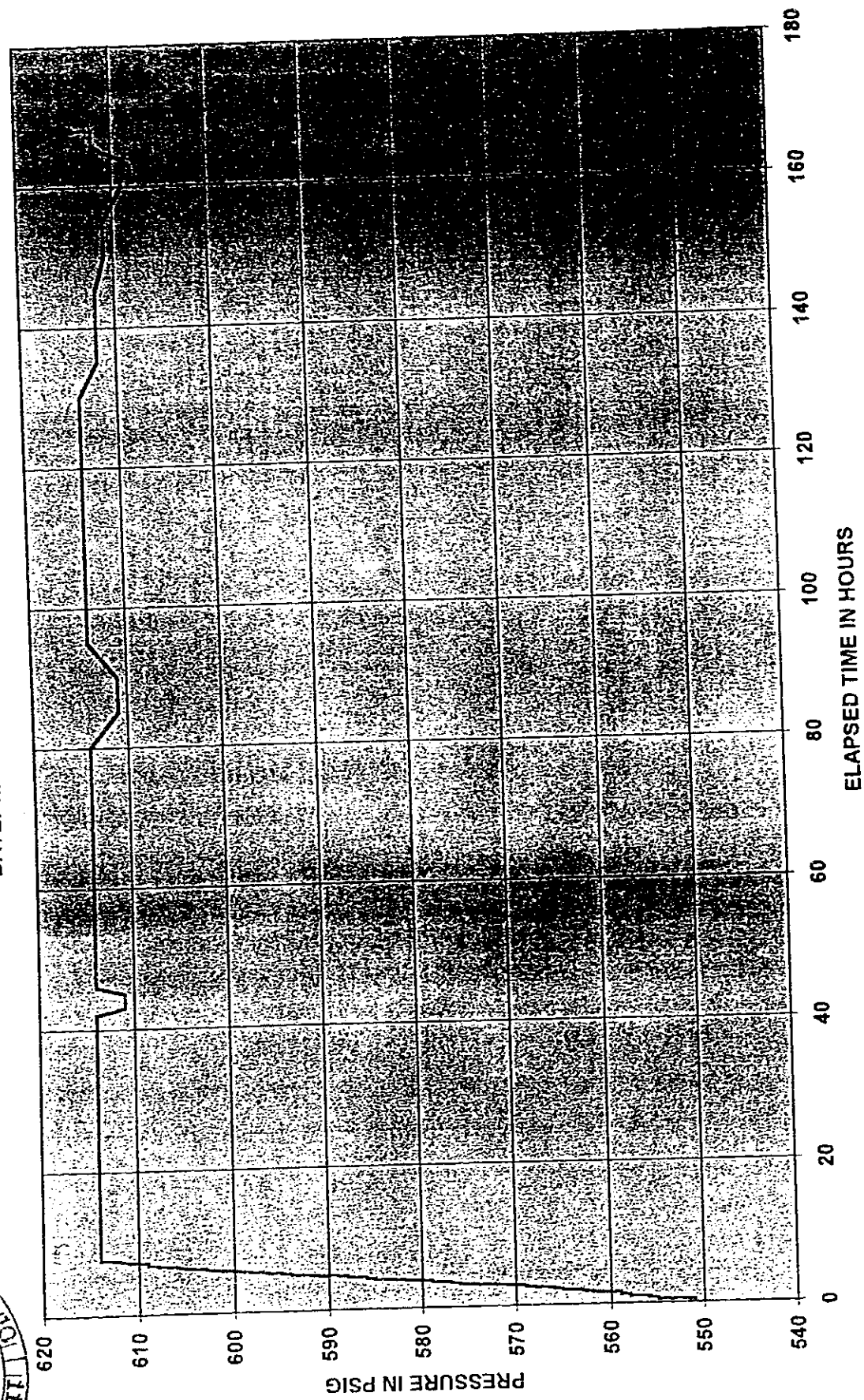
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1/4/99	1:45	110	614
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1/6/99 PULLED INST. @	12:03	168.3	614



RECEIVED
MAR 8 1999
AZ STATE
LAND DEPT

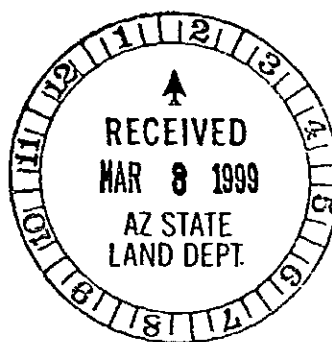
RIDGEWAY ARIZONA OIL CORP. STATE # 10-16
DATE: 12-30-98 THRU 1-6-99

dep



H & H WIRELINE SERVICE INC.
P. O. BOX 899
FLORA VISTA, NEW MEXICO 87415
OPERATOR: C. HUGHES
UNIT NO. T-11

dup



Operator Ridgeway Arizona Oil Corporation

Bond Company: Bank One Arizona Amount: \$25,000*

Bond No.: CD#4002111 (\$10,000) 07/07/94
CD#4002112 (\$15,000) Date approved: 11/28/94

* Two separate CD's to make up one blanket bond. These 2 CD's are not to be released until all wells covered by the blanket bond have been plugged and abandoned.

Permits covered by this bond:

883
884
885
888
890
891
892
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903
904

OPERATOR'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL OR GAS FROM LEASE		
Federal, State, or Indian Lease Number, or lessor's name if fee lease 13-101540	Field Wildcat	Reservoir
Survey or Sec-Twp-Rge S16-T10N-R31E	County Apache	State Arizona
Operator Ridgeway Arizona Oil Corp		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street 590 S. White Mtn. Dr.	City St. Johns,	State Arizona
Above named operator authorizes (name of transporter) Reliant LTD Holdings		
Transporter's street address 3700 Kermit Hwy	City Odessa	State Texas
Field Address Apache County Arizona		
Oil, condensate, gas well gas, casinghead gas		
To transport 100	% of the CO₂	from said lease
OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:		
Name of gatherer	% transported	Product transported
Indicate whether or not this certificate is for a new lease. If not a new lease, indicate whether or not it is a change of operator, change of lease name, change of gatherer, or a consolidation or subdivision of leases and give effective date of change.		
This is for well State 10-16-31		

The undersigned certifies that the rules and regulations of the State of Arizona Oil & Gas Conservation Commission have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until cancelled by the State of Arizona Oil & Gas Conservation Commission.

CERTIFICATE: I the undersigned, under the penalty of perjury, state that I am the Operations Manager of the Ridgeway AZ Oil Corp. (company), and that I am authorized by said company to make this report; that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date 2-25-02

Signature [Signature]

Date approved: 2-26-02

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: SL Rains

Permit No. 899

Mail two copies of completed form to:
Oil & Gas Program Administrator
Arizona Geological Survey
416 W. Congress #100
Tucson, AZ 85701-1315

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Operator's Certificate of Compliance & Authorization to
Transport Oil or Gas from Lease
File Two Copies
Form No. 8

**P/DWIGHTS PLUS DRILLING WIRE™
ROCKY MOUNTAIN REGION
Section II - 04/14/2000**

COMPLETIONS

FINAL CLASS: WF=UNSUCCESSFUL NEW FIELD WILDCAT; WFD=NEW FIELD DISCOVERY; WD=UNSUCCESSFUL DEEPER POOL WILDCAT; WDD=DEEPER POOL DISCOVERY; WS=UNSUCCESSFUL SHALLOW POOL WILDCAT; WSD=SHALLOW POOL DISCOVERY; WP=UNSUCCESSFUL NEW POOL DEVELOPMENT; WPD=NEW POOL DISCOVERY; WO=UNSUCCESSFUL WILDCAT OUTPOST; WOE=WILDCAT OUTPOST EXTENSION; D=UNSUCCESSFUL DEVELOPMENT; DO=DEVELOPMENT OIL WELL; DG=DEVELOPMENT GAS WELL;

ARIZONA / NEVADA

APACHE COUNTY

**RIDGEWAY ARIZONA OIL
COMPANY**
10-16-31 RIDGEWAY
API 02-001-20311

16-10N-31E
NE SW
1980 FSL 1980 FWL SEC

WILDCAT; 2400 FORT APACHE PERMIT: 899 (PMT APP'D 03/13/1997)
(FR:03/17/1997 FM KMS) LEASE TYPE:STATE TARGET OBJ: GAS; OPER
ADD: P O BOX 1110, ST. JOHNS, AZ 85936, (520)337-3230 EL: 7259 KB 7246
GR LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 16 MI NE SPRINGVILLE, AZ; VERTICAL;

**WF
TA-G**

CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD:04/08/1997 CSG: 8 5/8 IN @ 876 W/425 SACK, 5 1/2 IN @ 2453 W/260 SACK; DRLG COMMENTS:
LOST CIRC PROBLEMS WHILE DRLG, CO2 GTS @ TD.; LOG TYPES: GRNL, POR, CBND; LOG TOPS: FORT APACHE 2030; 2735 TD, (FORT APACHE) (TD
REACHED:04/17/1997) PROD TEST(S): # 001 PERF (FORT APACHE) 2453-2728 W/ 1 PF; FRACTURING (2453-2728) 75000 LB SAND GAS: 1256 MCFD GAS
CONT: CO2GAS CONTENT: 99.99% CO2, .005% HELIUM, .004% PROPANE). # 002 PERF (FORT APACHE) 2453-2728 ; GAS: 931 MCFD GAS CONT: CO2GAS
CONTENT: 99.996% CO2, .004% NITROGEN. 2735 DTD COMP:12/30/1998 TA-G; , NO DST RUN

P/DWIGHTS PLUS DRILLING WIRETM
ROCKY MOUNTAIN REGION
Section II - 03/03/2000

PAGE 7

DRILLING PROGRESS

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT;
WO=WILDCAT OUTPOST; D=DEVELOPMENT; X=RE-ENTRY; R=RE-DRILL
LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED

ARIZONA/NEVADA

APACHE COUNTY

RIDGEWAY ARIZONA OIL
COMPANY
10-16-31 RIDGEWAY
API 02-001-20311

16-10N-31E
NE SW
1980 FSL 1980 FWL SEC

WILDCAT; 2400 FORT APACHE PERMIT: 899 (PMT APP'D 03/13/1997)
(FR:03/17/1997 FM KMS) LEASE TYPE: STATE TARGET OBJ: GAS: OPER
ADD: P O BOX 1110, ST. JOHNS, AZ 85936, (520)337-3230 EL: 7259 KB 7246
GR LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 16 MI NE SPRINGVILLE, AZ: VERTICAL;

WF

CONTR: AZTEC WELL SERVICING, RIG # 124; SPUD:04/08/1997 CSG: 8 5/8 IN @ 876 W/425 SACK.5 1/2 IN @ 2453 W/260 SACK; DRLG COMMENTS:
LOST CIRC PROBLEMS WHILE DRLG. CO2 GTS @ TD.; LOG TYPES: GRNL. POR. CBND; LOG TOPS: FORT APACHE 2030; 2735 TD, (FORT APACHE) (TD
REACHED:04/17/1997) PROD TEST(S): # 001 PERF (FORT APACHE) 2453-2728 W/ 1 PF; FRACTURING (2453-2728) 75000 LB SAND GAS: 1256 MCFD GAS
CONT: CO2GAS CONTENT: 99.99% CO2, .005% HELIUM, .004% PROPANE). # 002 PERF (FORT APACHE) 2453-2728 ; GAS: 931 MCFD GAS CONT: CO2GAS
CONTENT: 99.99% CO2, .004% NITROGEN. 2735 DTDBHP @ 2453 = 558 PSI IN 1 HR/ 614 PSI IN 24 HR/ 614 PSI IN 168.3 HR, SI (LDIR:02/28/2000)

THOMPSON ENGINEERING &
PRODUCTION CORP
10 DRY MESA
API 02-001-20318

12-40N-28E
NW SE
1980 FSL 1980 FEL SEC
IC 020017000497

DRY MESA; 5140 BARKER CREEK PERMIT: 907 (PMT APP'D 11/05/1997)
(FR:11/05/1997 FM KMS) TARGET OBJ: GAS; OPER ADD: 7415 EAST MAIN,
FARMINGTON, NM 87402, (505)327-4892 EL: 5706 KB 5694 GR LOCATION
DATA: 6 1/2 MI SW TEEC NOS POS, AZ W/IN DRY MESA FLD(BARKER
CREEK); WELL ID CHANGES: WELL NAME CHGD FROM NAVAJO TR 138.

DG
GAS

CONTR: BIG A WELL SERVICE, RIG # 46; SPUD:12/17/1998 CSG: 8 5/8 IN @ 526 W/420 SACK.4 1/2 IN @ 5170 W/1160 SACK.; LOG TOPS: CHINLE 930,
ORGAN ROCK 2440, HERMOSA 3764, ISMAY UPPER 4352, ISMAY LOWER 4408, AKAH 4635, MOLAS 5118; RIG REL: 12/31/1998 5170 TD, (MOLAS) (TD
REACHED:12/29/1998) PRODUCING INTERVALS DATA: # 001 PERF (PARADOX /SH) ; GAS: UG IP NOT RPTD. WELL PRODUCED 288 BC. 901 MCFG.
116 BW/ 24 DAYS - APR 1999: SI MAY 1999. 5170 DTD COMP:04/07/1999 # 001 IPF GAS: UG PROD ZONE: PERF (PARADOX /SH) INT NOT
RPTD COMMINGLED.; HOLDING FOR DATA(LDIR:02/28/2000)

COCONINO COUNTY

BERRY GUS
26-1 STATE
API 02-005-20033-0001

26-19N-13E
NE NW NE
467 FNL 3500 FWL SEC

WILDCAT; 3500 PRE CAMBRIAN (FR:12/16/1999 FARM KMS) LEASE
TYPE:STATE: OPER ADD: 703 BLUFF ST. WICHITA FALLS, TX 76301,
(817)767-2847 EL: 5262 KB 5250 GR LOCATION DATA: 18 MI W
WINSLOW, AZ 96 MI SSW OF PINTA DOME FLD (COCONINO 20N-26E);
VERTICAL; OLD INFO : 02-005-20033 FORMERLY TOWNSEND COMPANY
26-1 STATE PERMIT 886; EL: 5250 GR. SPUD:05/19/1995 CSG: 8 5/8 IN @ 500;
LOG TOPS: PENNSYLVANIAN 2910 ; OTD: 2960 COMP:06/15/1995 DRY &
ABANDONED

WFD

CONTR: KEY ENERGY SERVICES INC, RIG # 26; SPUD:10/15/1999 CSG: 4 1/2 IN @ 3900; 3900 TD, (PRE CAMBRIAN) (TD REACHED:10/21/1999) 3900
DTDWOCT (LDIR:03/01/2000)

MOHAVE COUNTY

PREMCO WESTERN
18-1 DUTCHMAN
API 02-015-20030

18-37N-9W
NW SE SE
1100 FSL 900 FEL SEC

WILDCAT; 6000 PRE CAMBRIAN PERMIT: 906 (PMT APP'D 04/02/1998)
(FR:04/02/1998 FM KMS) LEASE TYPE:FEE: OPER ADD: BOX 496568,
GARLAND, TX 75049-6568, EL: 4925 GR LOCATION DATA: 34 MI SE
SAINT GEORGE, UT 44 MI SSW VIRGIN FLD, UT(MOENKOP);

WF

CONTR: OWN DRILLING, SPUD:04/15/1998 CSG: 9 5/8 IN @ 378; DRLG COMMENTS: CABLETOOL RIG HAVING DIFFICULTY DRLG THRU THE.
KAIBAB@ SURFACE. HAS JUNKED TWO HOLES ON SAME, PAD, DRLG BEING DONE UNDER CASUAL CIRCUMSTANCES.;@ 510, SI (LDIR:02/29/2000)



Jane Dee Hall
Governor

State of Arizona
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

January 24, 2000

Mr. Thomas White
Production Manager
Ridgeway Arizona Oil Corporation
P.O. Box 1110
St. Johns, Arizona 85936

899

Re: Wells 3-1, 22-1X, 11-21, 10-22, 9-21, 10-16-31, and 12-15-30 State

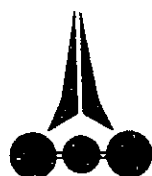
Dear Mr. White:

Dr. Nations, on behalf of the Oil and Gas Conservation Commission, has granted your request to extend temporary abandonment of the referenced wells through January 2001.

Sincerely,

Steven L. Rauzi
Oil & Gas Administrator

c Larry D. Fellows, Director and State Geologist
J. Dale Nations, Chairman, Oil and Gas Conservation Commission



Ridgeway
Arizona Oil Corporation

Tuesday, January 18, 2000

Mr. Steve Rauzi
Oil & Gas Administrator
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, Arizona 85701

Re: Extension for temporary abandonment status

Dear Mr. Rauzi:

We are requesting temporary abandonment status for the following wells: 3-1 State (permit 884), 22-1x State (permit 888), 11-21 State (permit 895), 10-22 State (permit 896), 9-21 State (permit 897), 10-16 State (permit 899), 12-15 State (permit 900).

Also we are still waiting for response from the State Land Department concerning wells 9-22 (permit 898), 12-16 (permit 902) as to whether they will be converted to water well use or plugged.

Sincerely,

Thomas White
Production Manager

C Larry Fellows, Director
Dale Nations, Chairman, Oil and Gas Conservation Commission





Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

January 12, 2000

Mr. Thomas White
Production Manager
Ridgeway Arizona Oil Corporation
P.O. Box 1110
St. Johns, Arizona 85936

PIN 899

Re: Status of Shut-in Wells

Dear Mr. White:

This letter is a reminder that the extension granted to your 7 shut-in wells is set to expire this month. Procedures for extending the confidential status are provided in A.A.C. R12-7-125.

Sincerely,

Steven L. Rauzi
Oil & Gas Administrator

c Larry D. Fellows, Director and State Geologist
J. Dale Nations, Chairman, Oil and Gas Conservation Commission



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

May 13, 1999

Mr. Thomas White
Production Manager
Ridgeway Arizona Oil Corporation
P.O. Box 1110
St. Johns, Arizona 85936

899

Re: Status of Shut-in Wells

Dear Mr. White:

This will confirm the Oil and Gas Conservation Commission's decision of May 7, 1999, regarding the status through January 2000 of Ridgeway's 10 shut-in wells.

1. The Commission granted extension of shut-in status for the 7 wells located on active leases. These include wells 3-1 State (Permit 884), 22-1X State (888), 11-21 State (895), 10-22 State (896), 9-21 State (897), 10-16-31 State (899), and 12-15-30 State (900).
2. The Commission did not grant an extension for the 3 wells located on leases released by Ridgeway. These include wells 9-22-29 State (898), 12-16-28 State (902), and 10-26-29 State (903).

As you know, A.A.C. R12-7-125 requires the 3 wells not granted an extension to be plugged and abandoned or converted to water well use pursuant to A.A.C. R12-7-129 before Ridgeway's performance bond may be released on the wells.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator

c Larry D. Fellows, Director and State Geologist
J. Dale Nations, Chairman, Oil and Gas Conservation Commission



Jana Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500

March 12, 1999



Larry D. Fellows
Director and State Geologist

Mr. Thomas White
Production Manager
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

899

Re: Status of temporary abandonment

Dear Mr. White:

You may recall that the Oil and Gas Conservation Commission brought the referenced matter up at its January 15, 1999, meeting. For some reason, the matter was delayed until a later part of the meeting but was not brought up again.

As a result, I have no decision to report at this time. The current shut-in status of your wells will continue until the Commission's next meeting on May 7, 1999.

Sincerely,

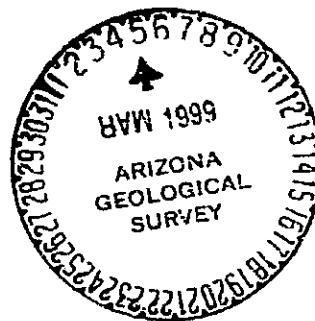
Steven L. Rauzi
Oil & Gas Program Administrator

c Larry D. Fellows, Director and State Geologist
J. Dale Nations, Chairman, Oil and Gas Conservation Commission



Thursday, March 04, 1999

Mr. Steve Rauzi
Az. Geological Survey
Suite 100
416 W. Congress
Tucson, 85701



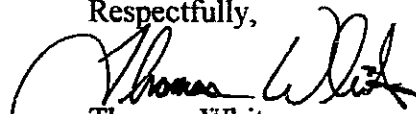
Re: Status of temporary abandonment

Dear Mr. Rauzi,

On Jan. 20 1999 Ridgeway AZ Oil Corp requested to temporarily abandon well permit numbers: 888, 895, 897, 896, 898, 898, 899, 900, 902, 884, 903. To date we have not heard back from the Oil and Gas Commission concerning their decision.

Please inform us in writing of their decision, also if there are any questions as to the above-mentioned wells please call.

Respectfully,


Thomas White
Production Mgr. RAOC

Cc: Mike Rice, AZ State Land Dept.

P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 337 3522



Ridgeway
Arizona Oil Corporation

Wednesday, January 20, 1999
Mr. Steve Rauzi
Az. Geological Survey
Suite 100
416 W. Tucson, 85701

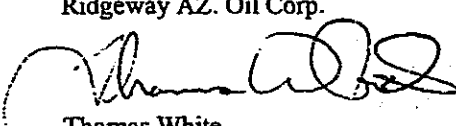
RE: Request of temporary abandonment status for State Permit #'s 884, 888, 895, 896, 897, 898, 899, 900, 902 and 903

Dear Mr. Rauzi:

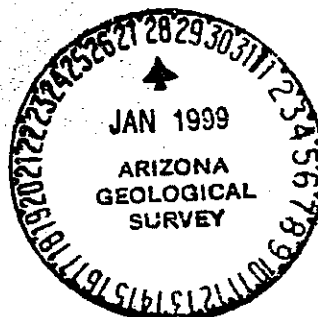
We are requesting that temporary abandonment status be extended to the above-mentioned wells, as was mentioned in my letter dated Jan. 05, 1999 these wells have well-bore skin damage and warrant further testing and evaluation.

If there are any questions concerning this matter please advise.

Sincerely,
Ridgeway AZ. Oil Corp.


Thomas White
Production Manager

Cc: Mike Rice
Andrew Hurwitz



P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 587 3522



Ridgeway
Arizona Oil Corporation

Tuesday, January 05, 1999
Mr. Steve Rauzi
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, AZ. 85701

899

Dear Mr. Rauzi:

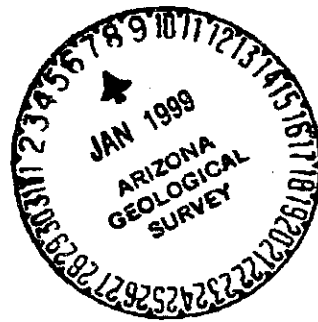
I've included the test results from 3-1 also from 10-16, as stated per our phone conversation yesterday 11-21 is the last well we have ready for test, 9-22, 10-22, 12-15, 12-16, 10-26 these wells all need remedial work before they can be tested.

Also through our engineering study on the reservoir we have extensive skin damage in all of our wells that will require further testing and evaluation.

If there are any further questions please advise

Sincerely,
Ridgeway AZ Oil Corp.

Thomas White
Production Manager R.A.O.C.



P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 587 3522



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

December 21, 1998

Mr. Thomas White
Production Manager
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

file 899

Re: Completion testing of Arizona wells Nos. 11-21, 10-22, 9-22-29, 10-16-31,
12-15-30, 12-16-28, and 10-26-29.

Dear Mr. White:

You had indicated in August that you expected to complete flow and build up testing your wells in Arizona by the end of this year. To date, we have received a flow test for the 22-1X well and a flow and build up test for the 9-21 well.

Have you completed the flow and build up testing for the rest of your wells as you had indicated and when may we expect to receive the results?

We look forward to receiving the results for the rest of your wells.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator

c Larry D. Fellows, Director and State Geologist

07-21-1998 10:19AM

FROM DEPT OF GEOLOGY

TO

815207703505 P.02



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

July 21, 1998

899

Don Riggs
Vice President of Operations
Ridgeway Arizona Oil Corporation
P.O. Box 1110
St. Johns, AZ 85936

Dear Mr. Riggs,

After conferring with the Arizona Attorney General's Office, I find that that the Arizona Oil and Gas Conservation Commission cannot grant your request to extend the confidential status of Ridgeway's carbon dioxide wells in Apache County, Arizona. The two year confidential status that is granted for geothermal wells is not relevant to carbon dioxide or other natural gas wells. Arizona Revised Statute No. 27-522 specifies a six-month confidential status for oil and natural gas wells, which is consistent with well-established standards of the oil and gas industry.

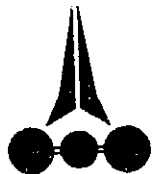
The Arizona Oil and Gas Conservation Commission has been supportive of Ridgeway's development and will continue to be. However the Commission must comply with state law and make information on the wells available to the public on July 24, 1998.

Sincerely,


Dale Nations, Chairman

copy:

Dr. Larry Fellows, Director of Arizona Geological Survey
Jay Skardon, Arizona Attorney General's Office



Ridgeway
Arizona Oil Corporation

July 14, 1998

899

Arizona Geological Survey
416 W. Congress
Suite 100
Tucson, AZ 85701

Attn: Mr. Steve Rauzi
Oil & Gas Program Administrator

RE: **Confidential Status**

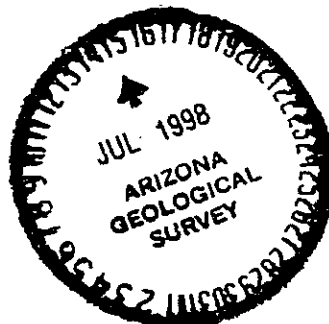
Certified Mail: Z 444 756 601

Dear Mr. Rauzi:

Ridgeway Arizona Oil Corporation (Ridgeway) is in receipt of your letter of July 10, 1998, refusing to extend the confidential status of our development. Past conversations with Dr. Fellows indicated that upon written request for Confidential Extension, this could be done.

Ridgeway has approximately 250,000 acres leased in Apache County Arizona, for future development. Due to the size of this field, it will require one (1) to two (2) years of reservoir studies, state and federal agency requirements, mainly EIS and unitization. These actions are on going and could take up to two (2) years to complete.

Ridgeway requires Confidential Agreements with all parties involved in any negotiations with the company. Release of geological information by the State of Arizona could prove to be a deterrent to the future of Ridgeway.



P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 587 3522



Ridgeway

Arizona Oil Corporation

July 14, 1998

Page 2 of 2

Rauzi

Ridgeway respectfully request the Commission to reconsider the two (2) years Confidential Status granted to geothermal wells, (Arizona Administrative Code R 12-7-121 sub part D) to carbon dioxide/helium wells.

Sincerely,

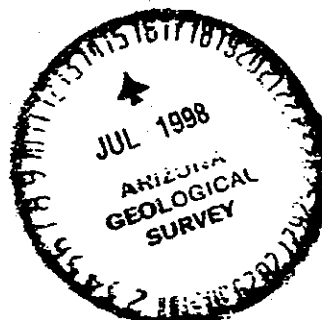
RIDGEWAY AZ OIL CORP.

Don Riggs
Vice President of Operations

DR:ct

Cc: Larry D. Fellows, Director & State Geologist
J. Dale Nations, Chairman, Oil & Gas Conservation
Mike Rice, Manager Minerals Section
Mark Steadman, Attorney General
Murray Snow, Ridgeway Attorney
Walter Ruck, Ridgeway Petroleum Corp.

Rauzi.ltr.7-14-98



P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 587 3522



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

July 10, 1998

Mr. Thomas White
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

822

Re: Wells 22-1X State (State Permit #888), 11-21 State (895), 10-22 State (896),
9-21 State (897), 9-22-29 State (898), 10-16-31 State (899), 12-15-30 State (900),
13-36-29 State (901), 12-16-28 State (902), and 10-26-29 State (903).

Dear Mr. White:

Please be advised that the Commission is not able to extend the confidential status
for the referenced wells beyond July 23, 1998.

Please advise if we may be of further assistance.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

c Larry D. Fellows, Director and State Geologist
J. Dale Nations, Chairman, Oil and Gas Conservation Commission



Monday, July 06, 1998

Mr. Steve Rauzi
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, AZ. 85701

Dear Steve:

This letter is in regards to the release of confidential status (R12-7-121,D.) on July 23. We would like to request an extension on this confidential status, in past conversation between Larry Fellows And yourself you seemed to indicate that in written form it was possible to gain an extension. Ridgeway would like to request a two year extension due to the fact we are in contract negotiations that could take up to a year.

If there are any further questions please advise

Sincerely,
Ridgeway AZ Oil Corp.

A handwritten signature in black ink, appearing to read "Thomas White".

Thomas White
Production Manager R.A.O.C.

Cc: Larry Fellows, Director and State Geologist
J. Dale Nations, Chairman, Oil and Gas Commission
Mike Rice, Minerals Manager, State Land Dept.
Kenneth Rosen, State Land Dept
Marc Steadman, Office of Attorney General





Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

June 26, 1998

Mr. Thomas White
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

899

Re: Wells 11-21 State (Permit #895), 10-22 State (896), 9-21 State (897),
9-22-29 State (898), 10-16-31 State (899), 12-15-30 State (900),
12-16-28 State (902), and 10-26-29 State (903).

Dear Mr. White:

This will acknowledge your letter of June 22, 1998. Our records show that the referenced wells were completed as temporarily abandoned wells on January 23, 1998. Under R12-7-121(D) the wells will be held confidential for 6 months from that date, through July 23, 1998.

Please advise if we may be of further assistance.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator

c Larry D. Fellows, Director and State Geologist
J. Dale Nations, Chairman, Oil and Gas Conservation Commission



Monday, June 22, 1998

Mike Rice
Minerals Manager
State Land Dept.
1616 W. Adams
Phoenix, AZ 85007

RE: Date Change on remedial work, planned on state 10-16

Dear Mike:

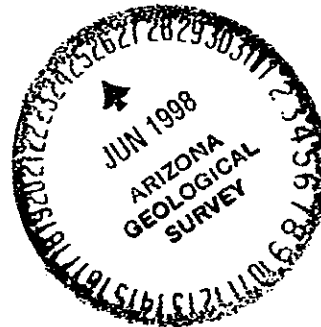
On June 10, we submitted a Plan of Operation for State 10-16-31e. Our scheduled start up date was 6/15/98, I would like to change this date to July 10, 1998 if there are any problems with this date please let us know, there has been no changes in our Plan of Operations other than the proposed start-up date.

Sincerely,

A handwritten signature in dark ink, appearing to read "Thomas White".

Thomas White
Production Manager

Cc: Kenneth Rozen, State Land Dept.
Chet Oakely, State Land Dept.
Marc Steadman, Office of Attorney General
Steve Rauzi, AZ. Geological Survey





879

Friday, June 22, 1998
Mr. Steve Rauzi
Az. Geological Survey
Suite 100
416 W. Tucson, 85701

RE: Completion Reports

Dear Mr. Rauzi:

This letter is to inform you that we are currently working on the requested completion forms, as soon as we have them completed we will submit them to our legal counsel for review they in turn will send them directly to the Arizona Geological survey. Mr. Rauzi it has also come to our attention according to the A.A.C. r12-7-121,D. that these wells will be considered completed therefore the Commission is only obligated to keep these wells confidential for a period not to exceed 6 mo. . These wells are not completed but on temporary abandonment status, we need some clarification on this issue.

If there are any questions concerning this matter please advise.

Sincerely,
Ridgeway AZ. Oil Corp.

A handwritten signature in black ink, appearing to read "Thomas White".

Thomas White
Production Manager

Cc: Mike Rice, Mineral Manager, State land Dept.
Kenneth Rozen, State Land Dept.
Chet Oakely, Geoligist, State Land Dept.
Larry Fellows, State Geoligist
Marc Steadman, Office Of Attorney General



JUN-19-1998 10:30

STATE LAND DEPT.

6025424668 P.02/04



JANE DEE HULL
GOVERNOR

Arizona
State Land Department

1616 WEST ADAMS
PHOENIX, ARIZONA 85007



J. DENNIS WELLS
STATE LAND COMMISSIONER

June 16, 1998

file 899

Mr. Don Riggs
Vice President, Operations
Ridgeway Arizona Oil Corporation
P. O. Box 1110
St. Johns, Arizona 85936

Re: Exploration and Development
St. Johns CO₂ Field

Dear Mr. Riggs:

Since beginning the most recent phase of drilling operations in early 1997, there have been a number of issues arise with respect to plans of operation, advance notice to the Department and its surface lessees, and the overall conduct of operations on the property. Though Ridgeway has been cooperative in meeting the requests of the Department, it is also evident that most of these issues could have been avoided with the timely filing of a plan of operation. In this regard, I have outlined below the conditions for approving any additional work on State land.

- Plans of operation are to be received by the Department no later than 60 days prior to conducting any operations on the leased land. In instances where the well has been drilled and the plan contemplates testing of the well the plan is to be submitted no later than 10 days prior to the start of operations. As indicated in Section 17 of the lease agreement, operations may not be commenced without the approval of the Department.
- Upon receiving the plan from Ridgeway, the Department will then inform the surface lessee of proposed activities. In order to coordinate activities with the surface lessee, the proposed access routes and drill site locations should be discussed with the surface lessee prior to developing the plan.
- The Department is to be informed of the completion of approved operations within 10 working days.

JUN-19-1998 10:30

STATE LAND DEPT.

6025424668 P.03/04

Mr. Don Riggs
June 16, 1998
Page 2

- All reasonable attempts shall be made to avoid conducting operations during inclement weather conditions. Contract terms as well as the scheduling of drilling operations should be considered in the development of drilling plans.
- All newly constructed drill sites, access roads, and turn-outs are to be scarified and seeded using a broadcast and rake seeding method. The timing, seed mixture, and seeding rate will be provided to you at a later date.
- As deemed appropriate by the Department, all disturbed areas including pre-existing ranch roads will either be maintained or abandoned using appropriate erosion control measures. Water bars, water turn-outs, and general road maintenance requirements will be developed by the Department's Drainage and Engineering Section and Apache County Natural Resource Conservation Service.
- As determined from my field exam of May 15, 1998, the construction and/or backfilling and leveling of well site 10-22 may have disturbed an archaeological site. There is to be no additional work on this particular well site until such time as authorized by the Department.
- All drill sites which have not been backfilled and leveled shall have all trash and debris removed from the property. As evidenced from my field examination on May 14th and May 15th, there exist a number of sites in which the drilling crew improperly disposed of thread protectors, mud additives or other drilling equipment and supplies. Of particular note is well site 10-16-31.
- As noted during my recent field exam, there are three drill sites which show evidence of oil and/or hydraulic fluid having leaked onto the ground. For well sites 9-22-29, 10-16-31, and 10-26-29, the Department is requiring that you remove the soil and dispose of it according to federal, state, and local laws.

P/N 899

JUN-19-1998 10:31

STATE LAND DEPT.

6025424668 P.04/04

Mr. Don Riggs
June 16, 1998
Page 3

- As concerns gates or other improvements belonging to the grazing lessee, they are all to be repaired or replaced if damaged during the course of conducting operations on the property. Of particular note are gates which have been repaired but which still need attention (well sites 10-22 and 10-16-31). In addition to these gates there is also a cattle guard along the access road to well site 10-26-29.

Confirmed and Agreed to

Signature

Date

Sincerely,



Michael Rice, Manager
Minerals Section
Natural Resources Division

MR:mlt

ARIZONA GEOLOGICAL
SURVEY

416 W. CONGRESS, SUITE 100, TUCSON, AZ 85701

FAX

State of Arizona
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellers
Director and State Geologist

Date: 6-12-98

Number of pages including cover sheet: 3

To: Tom White

Re: 10-16-31 Summary Notice
dated 6-11-98

Phone:

Fax phone: 520-337-3162

CC:

From: Steve Rauzi

Phone: (520) 770-3500

Fax phone: (520) 770-3505

REMARKS: ☐ Urgent ☒ For your review ☐ Reply ASAP ☐ Please comment

Tom - Your 10-point summary to Mike Rice is a good example of the "pertinent details" we look for on our Summary Notices. In fact, your summary notice to us would be a much better document if you'd simply copy the 10-point summary under the description section.

Also - it is okay to computerize our Summary Notice form provided they are accurately reproduced. Please note and add the missing phrase from the description of work section. - thanks.

P.S. Your 10-15-97 Summary Notice on this well is a good example of a subsequent rpt.

1. Name of Operator Ridgevay AZ Oil Corp.
2. OIL WELL ☐ GAS WELL ☐ OTHER ☒ (Specify) CO2
3. Well Name State 10-16-31
Location 1980 FWL & 1980 FSL
Sec. 16 Twp. 10 Rge. 31 County Apache, Arizona
4. Federal, State, or Indian Lease Number, or lessor's name if fee lease 13-101540
5. Field or Pool Name _____
6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	WEEKLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) _____	ABANDONMENT <input type="checkbox"/>

(OTHER) Drill out cement plug ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form 4)

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Proposed start up date 6-8-98

Program as follows

Re-enter well w/4 3/4 bit drill out cement shoe and prepare well for completion.

OTHER _____

OTHER _____

DESCRIBE PROPOSED OR COMPLETED OPERATIONS (clearly state all pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Proposed frac date: 6/15/98

Move in Dowell, rig up

Frac from 2453' to 2728'

Pump 75,000 # of 16/30 Frac sand with Cross linked gel

pertinent details, and give

I hereby certify that the foregoing is true and correct.

Signed _____

Title Production Manager

Date 6/11/98

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Sundry Notice and Reports on Wells
File one Copy

Form No. 25

Permit No. 899



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

June 5, 1998

Mr. Thomas White
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

Re: Review of well files:
Wells 11-21 State (Permit #895), 10-22 State (896), 9-21 State (897),
9-22-29 State (898), 10-16-31 State (899), 12-15-30 State (900),
12-16-28 State (902), and 10-26-29 State (903).

Dear Mr. White:

Thank you for your letter of May 26, 1998. Please note that under our rule A.A.C. R12-7-121 a completion report is due within 30 days of a well being temporarily abandoned. It has been 4 months since the referenced wells were approved for temporary abandonment and completion reports are due. Please forward the reports. Several completion reports are enclosed for your convenience.

According to sundry notices in our files, Ridgeway ran downhole pressure gauges in its 3-1 State (884), 22-1X State (888), and 11-21 State (895) in mid 1997 but did not report the pressure results. Please forward the downhole pressure results.

Thank you.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

c Larry D. Fellows, Director and State Geologist
J. Dale Nations, Chairman, Oil and Gas Conservation Commission

enclosures



May 26, 1998

899

Mr. Steve Rauzi
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, Arizona 85701

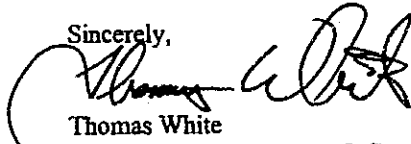
Re: Request of Completion Reports

Dear Mr. Rauzi:

Enclosed you will find a copy of your Jan. 23, 1998 written permission for temporary abandonment. These wells are temporarily abandoned pursuant to A.A.C. R12-7-125, according to this code "Permission shall be granted for a period not to exceed 1 year. One-year extensions may be granted." Therefore these wells are shut-in for evaluation and are not completed, we also understand that we are obligated to notify the Commission at least 10 days prior to re-entry (a.a.c.r12-7-125.d), there has not been any further work done to these wells

If there are any questions please advise

Sincerely,


Thomas White
Production Manager R.A.O.C.

C Larry Fellows
Director and State Geologist

Rauzi/5/26/98



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

May 18, 1998

899

Mr. Don Riggs
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

Re: Wells 11-21 State (Permit #895), 10-22 State (896), 9-21 State (897),
9-22-29 State (898), 10-16-31 State (899), 12-15-30 State (900),
12-16-28 State (902), and 10-26-29 State (903).

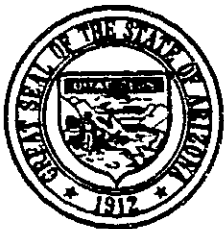
Dear Mr. Riggs:

A review of our records indicates that we have not received a completion report, subsurface pressure measurement, and open flow capacity determination for the referenced wells as required under our rules. It has been about a year since these wells were drilled and I am writing to remind you that these reports are due. Please forward the reports.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

C Larry D. Fellows
Director and State Geologist



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

January 23, 1998

Mr. Thomas White
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

Re: Temporary abandonment of Ridgeway Arizona Oil Corporation wells:
State Permit #'s 884, 888, 895, 896, 897, 898, 899, 900, 902, and 903

Dear Mr. White:

This letter constitutes written permission for temporary abandonment of the referenced wells pursuant to A.A.C. R12-7-125.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

C Oil and Gas Commissioners

After discussing if a temporarily-abandoned versus shut-in status would prevent Ridgeway from continuing to hold its leases, whether a gas analysis is a test required under the oil and gas rules, and the extension of confidentiality with Messrs. Riggs and White of Ridgeway,

Mr. Lanshe moved, seconded by Dr. Clay:

TO APPROVE THE RECOMMENDATION OF THE ADMINISTRATOR TO TEMPORARILY ABANDON RIDGEWAY'S WELLS SUBJECT TO DETERMINATION BY THE LAND DEPARTMENT THAT SUCH STATUS WOULD NOT JEOPARDIZE RIDGEWAY'S ABILITY TO CONTINUE TO HOLD ITS LEASES

Motion carried unanimously.

Mr. Lanshe moved, seconded by Dr. Clay:

THAT THE COMMISSION DEFER ACTION ON WHETHER A GAS ANALYSIS IS A TEST AND THE COMMISSION'S ABILITY TO GRANT A SIX-MONTH EXTENSION OF CONFIDENTIALITY PENDING A WRITTEN OPINION FROM LEGAL COUNSEL

Motion carried unanimously.

COMMISSION POLICY ON PUBLIC AND INDIAN LAND

Mr. Rauzi reported that the Commission holds bonds for companies drilling on public and Indian lands even though companies drilling on public land are required to post a bond with the federal government and companies drilling on Indian land are required to post a bond with the BIA. He reported that the bonds held by the Commission are duplicate bonds.

Mr. Lanshe moved, seconded by Dr. Clay:

THAT THE ADMINISTRATOR RELEASE DUPLICATE BONDS IF EVIDENCE OF BONDS HELD WITH THE FEDERAL GOVERNMENT OR BIA IS OBTAINED

Motion carried unanimously.

CALL TO THE PUBLIC

Paul Buff reported that the Bureau of Land Management would hold its next oil and gas lease sale in December.

ANNOUNCEMENTS

None.

PETROLEUM INFORMATION/DWIGHTS
DAILY ACTIVITY REPORT
SECTION II - 01/21/98

PAGE 10

DRILLING ACTIVITY

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO= WILDCAT OUTPOST; D=DEVELOPMENT.

■ DENOTES NEW INFORMATION ADDED THIS WEEK. LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.

● DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

899
RIDGEWAY ARIZONA OIL 16-10N-31E WILDCAT; PERMIT #899; 2400 FORT APACHE, (FR 03/17/97FM) OPER WF
10-16-31 RIDGEWAY NE SW ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7259 KB;
API 02-001-20311 1980 FSL 1980 FWL LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 16 MI NE SPRINGVILLE, AZ: TO BE VERTICALLY DRILLED.
■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/08/97 DRLG COMMENTS: LOST CIRC PROBLEMS WHILE DRLG. CO2 GTS @ TD.
2798 TD, (TD REACHED: 04/ 17/97); ... 2798 TD, WOE (LDIR 01/20/98)

COLORADO

BENT COUNTY

HORSESHOE OPERATING 4-21S-48W MCCLAVE; PERMIT #97-629; 4700 MORROW, (FR 10/28/97DN) OPER ADD: D
2A HUMPHREY NE SE 500 W TEXAS STE 1190, MIDLAND, TX, 79701 PHONE (915) 683-1448; EL:
API 05-011-06163 2680 FNL 1050 FEL 3942 GR; LOCATION DATA: IRREG SEC, LOT 6; 8 MI NNW WILEY, CO;
■ CONTR: MURFIN DRLG, RIG #24;SPUD: 01/06/98, CSG: RAN PROD CSG; 4727 TD, (TD REACHED: 01/ 14/98); ... TSTG, WOCT (LDIR 01/20/98)

GARFIELD COUNTY

BARRETT RESOURCES 28-6S-94W RULISON; PERMIT #97-910; 7269 WILLIAMS FORK, PROJ TVD: 7214, (FR D
RMV 101-28 SAVAGE SW NW 12/04/97FM) OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER,
API 05-045-07248 2497 FNL 1003 FWL CO, 80202 PHONE (303) 572-3900; EL: 5294 GR; LOCATION DATA: 6 1/2 MI
WSW RIFLE, CO: TO BE DIRECTIONALLY DRILLED. PBHL: 670 FT;494 S
453 W; 2250 FSL 550 FWL NW NW SW 28-6S-94W;
■ CONTR: NABORS DRLG USA, RIG #457;SPUD: 01/09/98, ... DRLG 4170 (LDIR 01/20/98)

BARRETT RESOURCES 34-6S-94W RULISON; PERMIT #97-884; 7250 WILLIAMS FORK, (FR 11/26/97FM) OPER D
RMV 87-34 SAVAGE SE NE ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202 PHONE
API 05-045-07244 2134 FNL 827 FEL (303) 572-3900; EL: 5490 GR; LOCATION DATA: 5 1/2 MI SW RIFLE, CO;
■ CONTR: NABORS DRLG USA, RIG #488;SPUD: 12/27/97, ... DRLG 6945 (LDIR 01/20/98)

BARRETT RESOURCES 36-6S-95W PARACHUTE; PERMIT #97-489; 7500 WILLIAMS FORK, (FR 06/24/97FM) D
14-36 PA SW SW OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 100, DENVER, CO, 80202
API 05-045-07196 793 FSL 452 FWL PHONE (303) 572-3900; EL: 5266 GR; LOCATION DATA: 5 1/2 MI ENE
PARACHUTE, CO;
■ CONTR: NABORS DRLG USA, RIG #414;SPUD: 12/17/97, CSG: 9 5/8 @ 783 W/375 SX, 5 1/2 @ 7508 W/1390 SX; 7518 TD, (TD REACHED: 01/ 12/98);
... 7518 TD, WOCT (LDIR 01/20/98)

BARRETT RESOURCES 3-7S-96W GRAND VALLEY; PERMIT #97-602; 6359 WILLIAMS FORK, (FR 10/21/96FM) D
GM 31-3 UNOCAL NW NE OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202
API 05-045-07113 425 FNL 1978 FEL PHONE (303) 572-3900; EL: 5307 KB; LOCATION DATA: 2 MI NW
PARACHUTE, CO: PERMIT REISSUED: 08/04/97
■ CONTR: FOUR CORNERS DRLG, RIG #3;SPUD: 12/19/97, CSG: 9 5/8 @ 663 W/375 SX, 4 1/2 @ 6327 W/1100 SX; 6340 TD, (TD REACHED: 01/ 11/98);
... 6340 TD, WOCT (LDIR 01/20/98)

BARRETT RESOURCES 3-7S-96W GRAND VALLEY; PERMIT #97-603; 6330 WILLIAMS FORK, (FR 12/13/96FM) D
GM 41-3 UNOCAL NE NE OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202
API 05-045-07130 968 FNL 493 FEL PHONE (303) 572-3900; EL: 5276 KB; LOCATION DATA: 2 MI NW
PARACHUTE, CO: PERMIT REISSUED: 08/04/97
■ CONTR: FOUR CORNERS DRLG, RIG #3 RIG SUB:12; SPUD: 01/16/98 CSG: 9 5/8 @ 633 W/350 SX; ... DRLG 1756 (LDIR 01/20/98)

BARRETT RESOURCES 12-7S-96W GRAND VALLEY; PERMIT #97-935; 6250 WILLIAMS FORK, (FR 12/09/97FM) D
GM 21-12 EXXON NE NW OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202
API 05-045-07262 1173 FNL 1900 FWL PHONE (303) 572-3900; EL: 5133 GR; LOCATION DATA: 1/2 MI NW
PARACHUTE, CO;
■ CONTR: NABORS DRLG USA, RIG #414; RURT; (LDIR 01/20/98)

LA PLATA COUNTY

RED WILLOW PROD 1-32N-10W IGNACIO-BLANCO; 2860 FRUITLAND COAL, (FR FM) OPER ADD: BOX D R
1-2 SOUTHERN UTE 32-10 SE NW SW 737, IGNACIO, CO, 81137-0737 PHONE (970) 563-0145; EL: 6271 KB;
API 05-067-06970-0101 1650 FSL 1190 FWL LOCATION DATA: 15 MI WSW IGNACIO, CO; OWRD: OLD INFO: FORMERLY
MCKENZIE METHANE 2-1 BONDS. SPUD 5/18/88. 8 5/8 @ 293 W/210 SX, 5 1/2
2906 W/425 SX. LOG TOPS: KIRTLAND 1515, FRUITLAND 2420, PICTURED
CLIFFS 2880. OTD 2906 COMP 6/5/88. IPP 46 MCFGPD, 300 BWPD. PROD
ZONE: FRUITLAND 2628-2852;
■ CONTR: BIG A WELL SRVC, RIG #22;SPUD: 01/04/98, SET WHIPSTOCK @ 2585 KOP @ 2591 2860 TD, (TD REACHED: 01/ 07/98) OHTD 2906; ...
STHTD 2860, TSTG (LDIR 01/20/98)

**PETROLEUM INFORMATION/DWIGHTS
DAILY ACTIVITY REPORT
SECTION II - 12/31/97**

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DRILLING ACTIVITY

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO=WILDCAT OUTPOST; D=DEVELOPMENT.
WILDCAT OUTPOST: D=DEVELOPMENT.
 ■ **DENOTES NEW INFORMATION ADDED THIS WEEK. LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.**
 ● **DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.**

ARIZONA

APACHE COUNTY

RIDGEWAY ARIZONA OIL 16-10N-31E WILDCAT; PERMIT #899; 2400 FORT APACHE, (FR 03/17/97FM) OPER **WF**
 10-16-31 RIDGEWAY NE SW ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7259 KB;
 API 02-001-20311 1980 FSL 1980 FWL LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC
 3-11N-29E 16 MI NE SPRINGVILLE, AZ: TO BE VERTICALLY DRILLED.
 ■ **CONTR:** AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/08/97 DRLG COMMENTS: LOST CIRC PROBLEMS WHILE DRLG.-CO2 GTS @ TD.
 2798 TD, (TD REACHED: 04/ 17/97); ... 2798 TD, RMG/CO HOLE (LDIR 12/30/97)

COLORADO

GARFIELD COUNTY

BARRETT RESOURCES 28-6S-94W RULISON; PERMIT #97-538; 7450 WILLIAMS FORK, (FR 07/15/97FM) OPER **D**
 RMV 102-28 SAVAGE SW SW ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202 PHONE
 API 05-045-07200 400 FSL 663 FWL (303) 572-3900; EL: 5549 GR; LOCATION DATA: 8 1/2 MI NE PARACHUTE, CO;
 ■ **CONTR:** NABORS DRLG USA, RIG #457;SPUD: 12/06/97, ... DRLG 6883 (LDIR 12/30/97)

BARRETT RESOURCES 34-6S-94W RULISON; PERMIT #97-472; 7150 WILLIAMS FORK, (FR 06/25/97FM) OPER **D**
 RMV 79-34 SAVAGE NW NE ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202 PHONE
 API 05-045-07198 694 FNL 2276 FEL (303) 572-3900; EL: 5339 GR; LOCATION DATA: 10 MI NE PARACHUTE, CO;
 ■ **CONTR:** NABORS DRLG USA, RIG #488;SPUD: 11/23/97, CSG: 9 5/8 @ 1117 W/575 SX, 5 1/2 @ 7174 W/740 SX; 7188 TD, (TD REACHED: 12/ 17/97); ... 7188 TD, WOCT (LDIR 12/30/97)

BARRETT RESOURCES 34-6S-94W RULISON; PERMIT #97-884; 7250 WILLIAMS FORK, (FR 11/26/97FM) OPER **D**
 RMV 87-34 SAVAGE SE NE ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202 PHONE
 API 05-045-07244 2134 FNL 827 FEL (303) 572-3900; EL: 5490 GR; LOCATION DATA: 5 1/2 MI SW RIFLE, CO;
 ■ **CONTR:** NABORS DRLG USA, RIG #488;SPUD: 12/27/97, ... DRLG 625 (LDIR 12/30/97)

BARRETT RESOURCES 36-6S-95W PARACHUTE; PERMIT #97-469; 7500 WILLIAMS FORK, (FR 06/24/97FM) OPER **D**
 14-36 PA SW SW OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 100, DENVER, CO, 80202
 API 05-045-07196 793 FSL 452 FWL PHONE (303) 572-3900; EL: 5266 GR; LOCATION DATA: 5 1/2 MI ENE
 PARACHUTE, CO;
 ■ **CONTR:** NABORS DRLG USA, RIG #414;SPUD: 12/17/97, CSG: 9 5/8 @ 783 W/375 SX; ... DRLG 2453 (LDIR 12/30/97)

BARRETT RESOURCES 34-6S-96W GRAND VALLEY; PERMIT #97-774; 6350 WILLIAMS FORK, (FR 10/08/97FM) OPER **D**
 GM 24-34 UNOCAL SE SW OPER ADD: 1515 ARAPAHOE ST, TWR 3 STE 1000, DENVER, CO, 80202
 API 05-045-07222 457 FSL 1902 FWL PHONE (303) 572-3900; EL: 5322 KB; LOCATION DATA: 2 3/4 MI NW
 PARACHUTE, CO;
 ■ **CONTR:** FOUR CORNERS DRLG, RIG #3 RIG SUB:12; SPUD: 12/01/97 CSG: 5 1/2 @ 6340 W/1100 SX; 6365 TD, (TD REACHED: 12/ 17/97); ... 6365 TD, WOCT (LDIR 12/30/97)

BARRETT RESOURCES 3-7S-96W GRAND VALLEY; PERMIT #97-802; 6359 WILLIAMS FORK, (FR 10/21/96FM) OPER **D**
 GM 31-3 UNOCAL NW NE OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202
 API 05-045-07113 425 FNL 1978 FEL PHONE (303) 572-3900; EL: 5307 KB; LOCATION DATA: 2 MI NW
 PARACHUTE, CO; PERMIT REISSUED: 08/04/97
 ■ **CONTR:** FOUR CORNERS DRLG, RIG #3;SPUD: 12/19/97, CSG: 9 5/8 @ 663 W/375 SX; ... DRLG 2585 (LDIR 12/30/97)

LA PLATA COUNTY

WILLIAMS PROD 17-32N-10W IGNACIO-BLANCO; PERMIT #97-945; 6110 MESAVERDE, (FR 12/12/97FM) OPER **D**
 4A NWCH 32-10 NE SE OPER ADD: 7415 E MAIN, % WALSH ENGR & PROD, FARMINGTON, NM,
 API 05-067-08113 1380 FSL 1185 FEL 87402 PHONE (505) 327-4892; EL: 6846 KB; LOCATION DATA: 19 MI WSW
 IGNACIO, CO;
 ■ **CONTR:** FOUR CORNERS DRLG, RIG #7 RIG SUB:12; SPUD: 11/08/97 CSG: 7 @ 3192; 6112 TD, (TD REACHED: 11/ 16/97); ... 6112 TD, WOCT (LDIR 12/30/97)

SG INTERESTS I 36-34N-10W IGNACIO-BLANCO; PERMIT #97-658; 2550 FRUITLAND COAL, (FR **D**
 36-1 ANIMAS 34-10 NW SE 08/27/97FM) OPER ADD: BOX 2677, MCLEAN, CO, 81302 PHONE (970)
 API 05-057-06106 1465 FSL 1590 FEL 385-1598; EL: 6233 GR; LOCATION DATA: S OF UTE LINE; 13 1/2 MI WNW
 IGNACIO, CO;
 ■ **CONTR:** AZTEC WELL SRVCG, RIG #56;SPUD: 12/28/97, ... DRLG 900 (LDIR 12/30/97)

LOGAN COUNTY

BOULDER OIL 23-12N-53W POW WOW; 5350 J SAND, (FR 11/06/97DN) OPER ADD: BOX 17397, **D**
 14-23C JOHNSTON SE SW BOULDER, CO, 80308-7397 PHONE (303) 499-8600; EL: 4544 GR; LOCATION
 API 05-075-09316 1128 FSL 2288 FWL DATA: 19 MI NW ILIFF, CO;
 ■ **CONTR:** ASHBY DRLG, RIG #2;SPUD: 12/26/97 (EST), ... DRLG 5103 (LDIR 12/30/97)



JANE DEE HULL
GOVERNOR

Arizona
State Land Department

1816 WEST ADAMS
PHOENIX, ARIZONA 85007



J. DENNIS WELLS
STATE LAND COMMISSIONER

December 17, 1997

file 897

Mr. Don Riggs, Vice President Operations
Ridgeway Arizona Oil Corporation
P. O. Box 1110
St. Johns, Arizona 85936

Re: Well Classifications

Dear Mr. Riggs:

As discussed during the Oil and Gas Commission meeting of October 31, 1997, the Department has reviewed your concerns about certain wells being classified as "Temporarily Abandoned." Based upon our review of the oil and gas lease agreement, the Department does not believe the classification jeopardizes the lease or any extension of the lease beyond the primary term. The basis for our position is as follows:

- 1) There are no leases held by Ridgeway Arizona Oil Corporation in which the primary term expires earlier than 1999.
- 2) There has been no production from state land nor has there been demonstrated to the Department a discovery on state land. In the absence of either a discovery well or production from state land, an extension of the lease must be exercised through Section 2, Paragraphs b and c of the agreement.
- 3) With the exception of extending the lease through diligent drilling, completion, reworking operations, or production from the property, the longest term of any oil and gas lease is for a period of ten years. Since the act of diligently developing or producing from the property is a requirement for extending the lease beyond a term of 10 years, the classification of the well has no bearing upon the granting of an extension by the Department.

Mr. Don Riggs, Vice President Operations
December 17, 1997
Page 2

For your convenience I have enclosed a copy of the Department's oil and gas lease agreement and specifically refer you to Page 2 of the agreement. Should you have any further questions regarding this matter, please feel free to contact the Department at any time.

Sincerely,

J. Dennis Wells

J. Dennis Wells
State Land Commissioner

JDW:mlt

Enclosure

c: Oil and Gas Conservation Commission ✓

Arizona Geological Survey
Attention: Steven L. Rauzi

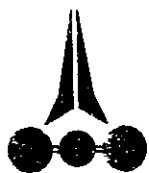
12-17-97 Tom White

Plan to move in rig on 10-16-31 (899) 12/27/97

Drill out damaged fiberglass CSS.

Run new CSS & attempt new completion.

Will submit Sunday w/ workover prognosis.



Ridgeway
Arizona Oil Corporation

899

Arizona Geological Survey
416 W. Congress
Suite 100
Tucson, AZ 85701

10/14/1997

ATT. Mr. Larry Fellows

Dear Mr. Fellows

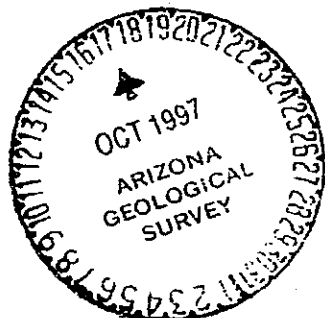
This letter is to request a 6 mo. extension on the confidential status of our wells. We would like to keep all of our well information confidential, if more information is needed please advise.

Sincerely

Thomas White
Production Manager, RAOC

Cc: J. Dale Nations, Oil Gas Conservation Commissioner, and Chairman
Marc Steadman, Office of Attorney General
Walter Ruck, President of Ridgeway Petroleum Corp.

Fel. 10-14-97



P.O. Box 1110
St. Johns, AZ 85936
Tel: 520 337 3230
Fax: 520 587 3522

PETROLEUM INFORMATION/DWIGHTS
DAILY ACTIVITY REPORT
SECTION II - 10/09/97

PAGE 6

DRILLING ACTIVITY

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO= WILDCAT OUTPOST; D=DEVELOPMENT.

■ DENOTES NEW INFORMATION ADDED THIS WEEK. LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.

● DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

RIDGEWAY ARIZONA OIL 22-9N-29E WILDCAT; PERMIT #898; 2400 FORT APACHE, (FR 03/17/97FM) OPER WF
9-22-29 RIDGEWAY SW SE ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7191 KB;
API 02-001-20310 1091 FSL 2674 FWL LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 6 MI N SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.
WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL. SPOT CHGD
FROM C SW. ELEV CHGD FROM 1746 GR.
■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/30/97 DRLG COMMENTS: AZTEC WELL SERVICING #157 COMPLETED. 3180 TD,
(TD REACHED: 04/06/97); ... 3180 TD, SI-WOE (LDIR 10/08/97)

RIDGEWAY ARIZONA OIL 21-9N-31E WILDCAT; PERMIT #897; 2300 FORT APACHE, (FR 03/03/97FM) OPER WF
9-21 RIDGEWAY STATE SW NE ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7211 KB;
API 02-001-20309 1980 FNL 1980 FEL LOCATION DATA: 17 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC NE
3-11N-29E 10 1/2 MI E-NE SPRINGVILLE, AZ; TO BE VERTICALLY
DRILLED.
■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/08/97 CSG: 4 1/2 @ 2680; DST # 1 (GRANITE WASH) 2600, ISIP 680, REC CO2
GTS(AMT NOT RPTD); 2686 TD, (TD REACHED: 03/16/97); PROD TEST(S): PERF (GRANITE WASH), F 572 MCFD, 48/64 CK, TP 95, PERF (GRANITE
WASH), F 997 MCFD, 48/64 CK, TP 100, ... 2686 TD, SI-WOE (LDIR 10/08/97)

RIDGEWAY ARIZONA OIL 25-10N-29E WILDCAT; PERMIT #903; 2300 FORT APACHE, (FR 04/10/97FM) OPER WF
10-26-29 RIDGEWAY STATE NW SW ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (520) 337-3230; EL: 6946 KB;
API 02-001-20315 2260 FSL 1206 FWL LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 12 MI NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.
■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/18/97 CSG: 8 5/8 @ 1118; DRLG COMMENTS: AZTEC WELL SERVICING #157
COMPLETED. 2850 TD, (TD REACHED: 04/30/97); ... 2850 TD(APPROX), SI-WOE (LDIR 10/08/97)

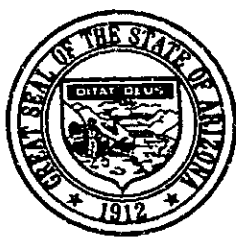
RIDGEWAY ARIZONA OIL 22-10N-30E WILDCAT; PERMIT #896; 2300 FORT APACHE, (FR 02/18/97FM) OPER WF
10-22 RIDGEWAY STATE SW SW ADD: 1080-700 4TH AVE SW, CALGARY, AL, T2R-03J4 PHONE (800)
API 02-001-20308 680 FSL 680 FWL 347-0294; EL: 6891 KB; LOCATION DATA: 10 MI S-SE UNNAMED FLD(FORT
APACHE)CO2 DISC 3-11N-29E 20 MI SE ST JOHNS, AZ; TO BE VERTICALLY
DRILLED.
■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/21/97 DST # 1, ISIP 410, (AMOS WASH), REC CO2 GTS; DRLG COMMENTS:
AZTEC WELL SERVICING #157 COMPLETED. 2265 TD, (TD REACHED: 03/27/97); ... 2265 TD, SI-WOE (LDIR 10/08/97)

RIDGEWAY ARIZONA OIL 16-10N-31E WILDCAT; PERMIT #899; 2400 FORT APACHE, (FR 03/17/97FM) OPER WF
10-16-31 RIDGEWAY NE SW ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7259 KB;
API 02-001-20311 1980 FSL 1980 FWL LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 16 MI NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.
■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/08/97 DRLG COMMENTS: LOST CIRC PROBLEMS WHILE DRLG, CO2 GTS @ TD.
2798 TD, (TD REACHED: 04/17/97); ... 2798 TD, WOCT (LDIR 10/08/97)

RIDGEWAY ARIZONA OIL 16-12N-28E WILDCAT; PERMIT #902; 2150 FORT APACHE, (FR 04/10/97FM) OPER WF
12-16-28 RIDGEWAY STATE NW NE ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (520) 337-3230; EL: 6001 KB;
API 02-001-20314 1215 FNL 1991 FEL LOCATION DATA: 7 1/2 MI W UNNAMED FLD(FORT APACHE)CO2 DISC
15-12N-29E 2 MI SW ST JOHNS, AZ; TO BE VERTICALLY DRILLED.
■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 05/21/97 CSG: RAN PROD CSG; 2274 TD, (TD REACHED: 05/25/97); ... 2274 TD,
SI-WOE (LDIR 10/08/97)

MOHAVE COUNTY

PREMCO WESTERN 10-41N-11W WILDCAT; 8500 CAMBRIAN, (FR 09/11/95FM) OPER ADD: BOX 496568, WF
1-10 MOHAVE COUNTY NE SE GARLAND, TX, 74049-8568 PHONE (214) 341-7010; EL: 3090 GR; LOCATION
API 02-015-20029 2353 FSL 510 FEL DATA: 24 MI S-SW VIRGIN FLD(UTAH/NACHOE) 9 MI SE ST GEORGE, UT;
IC 20157000195 PLAN SPUD NOV-1-1995; TO BE VERTICALLY DRILLED.
■ CONTR: LAYNE-WESTERN; SPUD: 11/30/95, CSG: 18 @ 80, 10 3/4 @ 240 W/5 CU YD; DRLG COMMENTS: ORIGINALLY DRILLED TO 1000 FT AND
SHUT-IN '95-96, HOLE CAVED-IN, DRLG RESUMED FROM 80 FT SEPT '97 DRLG PROBLEMS RIG UNABLE TO RUN 40 FT 8 5/8 CSG LENGTHS AS
PLANNED TO 850 FT, HOLE CAVING IN WHILE OPERATIONS SUSPENDED. ... @ 380, SI (LDIR 10/08/97)



Jane Dee Hull
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

October 6, 1997

Mr. Thomas White
Production Manager
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

899

Dear Mr. White:

Our records continue to show that Ridgeway Arizona Oil Corporation remains out of compliance with its obligation to (1) file copies of all gas analyses reported in your letter of September 5, 1997; (2) plug and abandon the Plateau Cattle #1A well; and (3) report complete testing results for all perforated intervals in all wells drilled and perforated in 1997, including the testing reported in News Releases by Ridgeway Petroleum Corporation in April, May, and June 1997.

Please be advised that pursuant to A.R.S. § 27-527(B) each operator is required to file a full, true, and correct record of its operations.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

- c Oil and Gas Conservation Commissioners, J. Dale Nations, Chairman
Larry D. Fellows, Director and State Geologist
Marc T. Steadman, Office of Attorney General



Ridgeway
Arizona Oil Corporation

September 22, 1997

Mr. Steve Rauzi
Arizona Geological Survey
416 W. Congress, su.100
Tucson, Arizona 85701

Dear Mr. Rauzi

Enclosed you will find notices requesting temporary abandonment status for all of our wells.

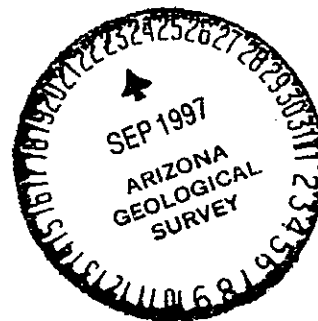
If there are any questions please advise

Sincerely,

Thomas White
Production Manager R.A.O.C.

cc. Oil and Gas Conservation Commissioners, J. Dale Nations, Chairman
Larry D. Fellows, Director and State Geologist
Office of Attorney General
Walter Ruck

Rauzi 9-22-97





Ridgeway
Arizona Oil Corporation

file 899

September 2, 1997

Mr. Steve Rauzi
Arizona Geological Survey
416 W. Congress, su.100
Tucson, Arizona 85701

Dear Mr. Rauzi

Here are copies of the information you requested :

Side wall core analyses :
Well # 22-1X

Conventional core analyses :
Well # 11-21

✓ Compensated neutron log
Well # 10-16-31

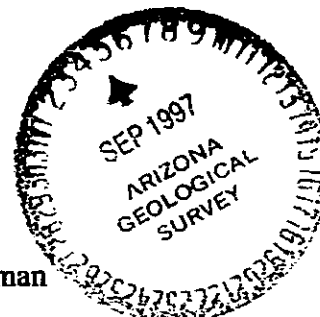
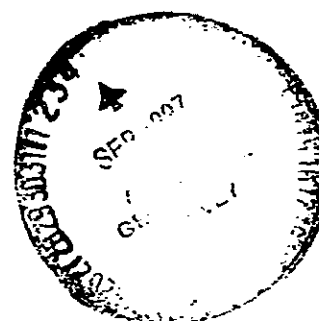
In the future please direct any correspondence to me concerning , permitting and well information.

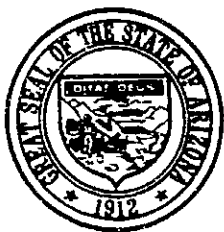
Sincerely,

Thomas White
Production Manager R.A.O.C.

cc. Oil and Gas Conservation Commissioners, J. Dale Nations, Chairman
Larry D. Fellows, Director and State Geologist
Office of Attorney General
Walter Ruck

Rauzi.9-2-97





Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

August 29, 1997

Mr. Don Riggs
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

file 899

Dear Mr. Riggs:

This will acknowledge receipt on August 25, 1997, of the following analyses, core chips, and wireline logs.

Analyses by Reservoirs Inc.	Analyses by Baker Oil Tools	Core chips
<u>888 (22-1X)</u> Conventional core 1296-1640'	<u>895 (11-21)</u> DST1: 1610-1664'	<u>888 (22-1X):</u> 1296-1356'
No sidewall core analyses received	DST2: 1665-2410'	No cuttings samples received
<u>895 (11-21)</u> 15 sidewall cores 1681-2372'	<u>896 (10-22)</u> DST1: 1428-1490'	
No conventional core analyses received	DST2: 1575-1790'	<u>895 (11-21):</u>
<u>896 (10-22)</u> 22 sidewall cores 1482-2235'	DST3: 2054-2265'	No cuttings samples received
<u>897 (09-21)</u> Conventional core 1930-2160'	<u>897 (9-21)</u> DST1: 1860-1964'	
Conventional core 2642-2693'	DST2: 1963-2160'	
	DST3: 2590-2694'	
Wireline logs by Schlumberger		
<u>888 (22-1X)</u> Platform Express Porosity-Lithology	<u>895 (11-21)</u> Platform Express Porosity-Lithology	
Platform Express Resistivity Log	Platform Express Resistivity Log	
Platform Express Microlog	Platform Express Microlog	
	FMI LQC LOG	
<u>896 (10-22)</u> Platform Express Porosity-Lithology	<u>987 (9-21)</u> Platform Express Porosity-Lithology	
Platform Express Resistivity Log	Platform Express Resistivity Log	
Platform Express Microlog	Platform Express Microlog	
Natural Gamma Tool		
<u>898 (09-22-29)</u> Platform Express Porosity-Lithology	<u>899 (10-16-31)</u> NO LOGS RECEIVED	
Platform Express Resistivity Log		
Platform Express Microlog		
Combinable Magnetic Resonance Tool		
<u>900 (12-15-30)</u> Compensated Neutron Log	<u>901 (13-36-29)</u> Platform Express Porosity-Lithology	
Digital Array Sonic Log	Platform Express Array Induction	
	Platform Express Microlog	
<u>902 (12-16-28)</u> Gamma Ray	<u>903 (10-26-29)</u> Platform Express Porosity-Lithology	
	Platform Express Resistivity Log	
	Platform Express Microlog	

Please note that analyses for the sidewall core on the 22-1X and conventional core on the 11-21, cuttings samples for the 22-1X and 11-21, and wireline logs for the 10-16-31 were not received.

Sincerely,

Steven L. Rauzi
Steven L. Rauzi
Oil & Gas Program Administrator

c Oil and Gas Conservation Commissioners, J. Dale Nations, Chairman
Larry D. Fellows, Director and State Geologist
Office of Attorney General

R R O C
RIDGEWAY AZ OIL CORP.

August 22, 1997

Oil & Gas Program Administrator
Arizona Geological Survey
416 W. Congress, #100
Tucson, AZ 85701

Attn: Mr. Steve Rauzi

RE: RAOC State 9-21
RAOC State 11-21
RAOC State 10-16-31

file 899

Dear Mr. Rauzi:

Enclosed you will find the Sundry Notices and Reports on Wells for Ridgeway AZ Oil Corp. State 9-21, State 11-21 and State 10-16-31 for your records.

If you have any questions regarding this matter, please advise.

Sincerely,

C. Tanner

Carmen Tanner
Office Manager

Enclosures

CT:ct

Cc: Don Riggs
Walter Ruck
RAOC State 9-21
RAOC State 11-21
RAOC State 10-16-31

Rauzi 8-22-97



8-5-97 Don Riggs calls.

Regarding my letter of July 28 - What logs do we need?

I advise all logs on all wells. I have 11-21X & 10-22

I recall he gave me 10-22 logs @ ASDC mtg on 4-1-97.

These were the last logs we received.

He advised we are on Schlumberger's distribution list.

Schlumberger informed him all logs were sent to me.

I advised none have been received.

He said they are floating around somewhere in the mail.

He will have them send again by special courier & have someone sign.

I advise that's fine.

899



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

August 4, 1997

Mr. Don Riggs
Vice President
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

899

Dear Mr. Riggs:

Thank you for sending the Sundry Notices of July 28 reporting the spud date, total depth date, and total depth for some of your wells. These reports, however, do not provide the drilling record required by this office.

Please be advised that this office requires a drilling record that clearly states the pertinent details and dates of all operations that ultimately affect the well, conservation of resources, public health and safety, and the environment. This would include at a minimum a record of (1) daily footage with brief description of daily activity, i.e. drilling, running casing, testing, logging, etc.; (2) individual intervals of lost circulation or uncontrolled flows; (3) amount and type of any lost circulation material or diesel fuel added to the mud; (4) number of cored intervals including recovery and brief description of each individual core; (5) number of DST's including a description of pressures and recoveries of each individual DST interval; and (6) wireline logs and sidewall cores run.

Some of the Sundry Notices you sent reported perforated intervals but did not report initial pressure and flow results. Please be advised that this office requires the Sundry Notice to clearly state all pertinent details including date each individual interval was perforated and pressure and flow results before and after stimulation.

Please note that the drilling record for the 11 wells drilled by Ridgeway in 1997 are past due.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

c Oil and Gas Commissioners; Larry D. Fellows
Office of Attorney General

R I D G E W A Y
RIDGEWAY AZ OIL CORP.

July 28, 1997

Arizona Geological Survey
416 W. Congress
Suite 100
Tucson, AZ 85701

Attn: Mr. Steve Rauzi

RE: Sundry Notices/Reports

Dear Mr. Rauzi:

Enclosed please find the Sundry Notices and Reports on Wells, for Ridgeway AZ Oil Corp. for wells State 22-1X, State 11-21, State 10-22, State 9-21, State 10-16-31, State 12-15-30, State 12-16-28, and State 10-26-29.

If you have any questions regarding this matter, please advise.

Sincerely,

C. Tanner

Carmen Tanner
Office Manager

CT:ct

Enclosures

Rauzi 7-28-97

Missing Sundry Notice for:

9-22-29 (898) - May 21 PR rpt. stim + test 5 zones
over 15 days. Free tanks on loc 5/31
13-36-29 (901)
15-28-29 (904)





Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

July 28, 1997

Mr. Don Riggs
Vice President
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

899

Dear Mr. Riggs:

In response to your phone call about expired permits 890, 891, 892, and 893, please be advised that extensions may be considered after we receive your request certifying in writing that the wells will be drilled in accordance with the drilling prognosis and all conditions and notification requirements of the original permits.

Our records show that Ridgeway Arizona Oil Corporation remains out of compliance with Commission rules in several areas. Ridgeway is not in compliance with its obligation to: (1) plug the 22-1 State (885) and Plateau Cattle 1A (883) wells; (2) post identifying signs at each well; (3) file samples on the 22-1X (888) and 11-21 (895) wells; (4) file logs, tests, core chips, and analyses; (5) report the stimulation of any well within 15 days of the stimulation; and (6) submit sundry reports detailing operations from spud date to current status for each of the 11 wells drilled by Ridgeway in 1997.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

c Oil and Gas Commissioners; Larry D. Fellows
Office of Attorney General



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

July 16, 1997

Mr. Don Riggs
Vice President
Ridgeway Arizona Oil Corp
P.O. Box 1110
St. Johns, Arizona 85936

899

Dear Mr. Riggs:

As we previously discussed, rules of the Arizona Oil and Gas Conservation Commission require operators (1) to conduct a test to determine the reservoir pressure on the discovery well of any new pool and (2) to determine the open flow capacity of each new producing gas well. The open flow capacity is to be submitted on our Form 18, Multipoint and One Point Back Pressure Test for Gas Well, several copies of which are enclosed for your convenience. These reports are now due for the Plateau Cattle 1 (880), 3-1 (884), and 22-1X (888) wells.

Our records show that Ridgeway Arizona Oil Corporation remains out of compliance with Commission rules in several areas. Ridgeway is not in compliance with its obligation to: (1) plug the 22-1 State (885); (2) post identifying signs at each well; (3) file samples on the 22-1X (888) and 11-21 (895) wells; (4) file logs, tests, and analyses; (5) report the stimulation of any well within 15 days of the stimulation; and (6) submit sundry reports detailing operations from spud date to current status for each of the 11 wells drilled by Ridgeway in 1997.

Note that the temporary abandonment status for the 1A Plateau Cattle (883) has expired. As a result, advise this office as soon as possible when and how you plan to plug it.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

c Oil and Gas Commissioners; Larry D. Fellows
Office of Attorney General

EXPLORATION

'V' with the second largest production, is just at the edge of the second largest anomaly on the map. Wells 'R' and 'T,' both dry holes, are associated with wide contiguous non-anomalous regions. Thus, it seems that DRAD mapping may be a valuable tool for predicting best drilling locations in the Lower Amaranth sand.

Fig. 8 shows the results of the concurrent HGI survey. The pattern and trend of the resulting contours is qualitatively different from the DRAD map, which was surprising, based on the observed similarity between maps produced by these two exploration techniques in the past, as is the case at North Pierson.

Examination of the sonic and resistivity logs for the wells in Fig. 6 suggests that Fig. 8 may be a map of the Mississippian reservoirs. Well 'W' actually produced 538 bbl of oil from a 2 m Tilston porosity zone, just beneath the tight anhydrite cap typical of Tilston reservoirs. Based on HGI contour morphology, wells 'W' and 'V' are too far down in the "subsequent valley" of the cuesta reservoir and are therefore wet. Based on the HGI data, it is expected that had well 'V' been drilled 200 m to the south, it would have been structurally near the top of the cuesta reservoir and productive. Well 'U,' based on contour morphology, is off the Tilston structure and is wet.

Well 'T' is located at the largest value HGI anomaly at which wells were drilled, and indeed has a 1 m zone of Mississippian porosity with a reasonably high resistivity, suggesting oil may be there. However, this well and well 'Q' are too far down the "consequent" slope of the cuesta structure and are therefore wet. Wells 'R' and 'S' are, following the contour pattern analogy, simply too far off the Mississippian structure and are therefore wet in their porosity zones.

END PART 1 OF 2

Publication

Geologic Investigations of the Kandik area, Alaska, and Adjacent Yukon Territory, Canada, published by Alaska Department of Natural Resources, Division of Geological & Geophysical Surveys, 794 University Ave., Ste. 200, Fairbanks, Alas. 99709-3645.

This set of maps and reports details the most extensive preserved stratigraphic section in Alaska, with rocks ranging in age from Precambrian to Tertiary.

The report includes new geologic mapping, stratigraphic descriptions, structural cross-sections, hydrocarbon source rock analyses, surface metal surveys, radiometric ages, detailed gravity survey and derivative maps, and subsurface seismic data.

Norway

Statoil plans to spud its first exploratory well on the Vema dome in the Norwegian Sea.

Statoil obtained blocks 6706/11 and 12, in 1,100-1,400 m of water, in the 1996 licensing round. The acreage is in the Voring basin (see map, OGJ, Nov. 7, 1994, p. 92).

British Petroleum spudded a well in April on the Nyk ridge feature about 25 km east of Vema dome.

Poland

Poland is developing one of its largest oil fields, discovered in 1993.

Buszewo-Mostno-Barnowko, or BEB, field has 14 wells, most of which have been production tested. The reservoir is the Main Dolomite member of Cycle II (Stassfurt) of Upper Permian Zechstein at 2,980-3,107 m.

The Zielona Gora Oil and Gas branch of Polish Oil & Gas Co. plans to start production in third quarter 1998 at the rate of 650 b/d of 41° gravity oil and 3.6 MMcf/d of gas per well.

The development plan calls for drilling a sufficient number of wells to ensure

gas delivery to a combined heat/power plant and build gas treatment and fractionation facilities.

POGC attributes to BEB field 488 million bbl of oil in place and 1.04 tcf of gas in place, not reserves as previously reported. The field is in central western Poland near the town of Gorzow Wielkopolski (see map, OGJ, May 5, 1997, p. 132).

Yemen

Canadian Occidental Petroleum Ltd. drilled three delineation wells in first quarter 1997, sharply expanding Tawila field areal extent and hiking production to more than 70,000 b/d.

The company is acquiring 2D and 3D seismic data to identify more locations on the block.

Gulf of Mexico

Stone Energy Corp., Lafayette, plans to drill two more wells this year on South Pelto Block 23.

The No. 23 well, drilled from the C platform, flowed on test of limited duration 220 b/d of oil and 2.3 MMcf/d of gas on a 3/4 in. choke with 8,280 psi FTP from a 15,700 ft sand that is a new field pay. The well logged 100 ft of net pay in five sands. TD is 15,900 ft.

The D platform is being built, and production is to start in fourth quarter 1997.

Arizona ?/N 899

Ridgeway Petroleum Corp., Calgary, quickly controlled a carbon dioxide blowout at its sixth well in the Holbrook basin near St. John's (see map, OGJ, May 5, 1997, p. 127).

The well in 16-10n-31e, Apache County, was air drilled to TD 2,798 ft. The well blew out while being prepared to be logged.

Oklahoma

National Energy Group Inc., Dallas, said its 34-2 Powers, in Northeast Carpenter

field of Custer County, is flowing 3.46 MMcf/d of gas on an 3/4 in. choke with 4,200 psi FTP from unstimulated Clinton Lake Atoka sand perforations at 14,464-560 ft.

When Atoka bottomhole pressure becomes compatible with a Red Fork sand behind pipe, National plans to stimulate Atoka, complete Red Fork, and commingle the zones.

Texas

Gulf Coast

Seneca Resources Corp., Houston, plans to commingle production from stacked laterals in Cretaceous Georgetown and Austin chalk at a well in Burleson County.

The 7H Wilkins, in Jerrys Quarters field near Clay, Tex., flowed 2.91 MMcf/d of gas and 2 b/d of oil on a 3/4 in. choke with 1,550 psi FTP from Georgetown. This lateral was still recovering 1,090 b/d of drilling fluid.

The Austin chalk lateral flowed 7.21 MMcf/d of gas and 302 b/d of oil with 703 b/d of drilling fluid on a 3/4 in. choke with 2,740 psi FTP. Seneca has a 93.96% working interest.

West

Conoco Inc. completed an exploratory test in the Val Verde basin.

The 1-9 Culbertson, in Terrell County, flowed 9.418 MMcf/d of gas on a 3/4 in. choke from Pennsylvanian Strawn perforations at 11,686-794 ft.

It is about 1/2 mile south of Conoco's January 1995 South Park field discovery, which has produced 1.35 bcf of gas and 18,700 bbl of condensate from Pennsylvanian at 10,848-860 ft through January 1997, Petroleum Information/Dwights reported.

PI said Conoco has completed almost 20 successful Wolfcamp and Strawn wells on CCSD&RGNG survey Block 2 since late 1994, including the Broken Antler and Little Mesa discovery wells.

Ridgeway expands drilling to 12 wells ⁸⁹⁹



Photo by Art Harrington

Ridgeway Petroleum president Walter B. Ruck, (rt.) has announced the company will drill 12, instead of 10, delineation wells. Don Riggs, manager of Ridgeway Arizona, is also pictured.

ST. JOHNS — Walter B. Ruck, president of Ridgeway Petroleum, announced Thursday in St. Johns that the Calgary-based company's 10-well delineation drilling program has been expanded to 12 wells. The company's president and chairman of the board was in Arizona to meet with staff and to personally check on the progress being made in defining the company's highly-successful CO₂ discovery in southern Apache County.

"Every CO₂ field has been discovered by accident," he said. "We initially came here searching for oil." The tip-off for Ridgeway had been the published results of the geothermal drilling done several years ago at Alpine, which had been funded by the United States Department of Energy. While Ruck still believes oil may be found in the area, the company's initial drilling discovered a vast reservoir of carbon dioxide gas instead. Ruck explained that it seems to be found where there has been contact between volcanic deposits and wet

limestone. "The fields are typically very large when you find them," he said. "But you may drill hundreds of wells searching for the gas and never find it." So far the gas has been found in every well Ridgeway has drilled here.

California petroleum and food industries all need CO₂ badly, Ruck explained, since no natural reservoirs of it have ever been discovered there. The demand is such that there appears to be substantial interest in constructing a pipeline which would likely carry the liquefied and pressurized gas from southern Apache County to Bakersfield, Cal. Ruck estimates it would cost between \$200-250 million to build such a pipeline.

The Arizona Oil and Gas Commission has decided to hold its annual meeting on June 13 in St. Johns at Ridgeway's offices. According to Ruck, the meeting is kind of snowballing. At least four pipeline companies have notified him they plan to come,

along with representatives of a number of major oil companies. Ruck expects some important decisions about the future of Ridgeway's project may be made at that time.

Ruck cautioned, "We're not a panacea for the area." He noted that the local unemployment rate will not be reduced much by the CO₂ development, since most of the work is so specialized it requires bringing in highly-trained and experienced personnel. On the other hand, he admitted, he believes the development will ultimately be good for the area. It is already infusing money into the local economy. The company now has a large drilling rig and a service rig, or completion unit, in addition to all of the other well services which have come in to assist in the exploration. "It is also an environmentally clean industry, when compared to other oil and gas exploration," he said.

What about the helium content? According to Ruck, it has been significant, testing between .65 and .70 percent. By comparison, he said, most of the helium being commercially extracted tests at less than .30 percent. Consequently, the construction of a helium extraction plant is still a possibility, he said, "But it would be expensive — probably \$35-40 million." Interestingly enough, the United States produces 95 percent of the world's helium.

The president said the company will be going to faster air drilling for the remainder of the planned wells. He said the down side is that it is impossible to core or to get the quality of samples which can be obtained by mud drilling. "We did enough coring and drill-stem testing on the first wells, though, that we can stand the air drilling on the remaining wells," he said.

The wells drilled thus far have ranged from 1,800 to 3,150 feet. "As we go further north," Ruck said, "the wells may go down to 4,500." The required depth can vary as much as 450 feet, due to surface elevation differences. All of the wells are now being taken down to the granite.

NIKUK

BP Expl (Alaska) Inc. "Niakuk" NK-25 50-029-22760
36-12N-15E UM, Fr SE cor 1371'N 656'W(Surface)
33-12N-16E UM, Fr SE cor 1938'N 1229'W(est.BHL)
S-04/26/97(Pool Arctic #7) Directional Map:AL-5
???? Drilling, no details.

POINT MCINTYRE

ARCO Alaska Inc. "Point McIntyre" P2-19 Directional
14-12N-14E UM, Fr SE cor 5236'N 4054'W(Surface)
1-12N-14E UM, Fr SE cor 3889'N 2501'W(est.BHL)
50-029-22765 S-05/05/97(Doyon Drlg #14) Map:AL-4
1000+ Issued permit #97-79 on 5/5/97. Drilling
ahead.

PRUDHOE BAY

ARCO Alaska Inc. "Prudhoe Bay Unit" 18-15B Map:AL-5
19-11N-15E UM, Fr SE cor 4466'N 4642'W(Surface)
19-11N-15E UM, Fr NW cor 1898'S 4760'E(BHL)
19-11N-15E UM, Fr SE cor 3177'N 2097'W(est.BHL-RD)
19-11N-15E UM, Fr NE cor 2976'S 771'W(est.BHL-RD2)
20c.110 13-3/8c.2686 9-5/8W.8175 7c.8095-9545
4-1/2c.9460-10110 50-029-21755-02 Directional
(Nabors Drlg #2ES) Rsm-3pm, 5/1/95 Rig rel-5/20/95
(Rowan Drlg #141) S-10/1/87 Rig rel-11/3/87
11230 RD10110 Issued permit #97-72 on 5/5/97 for
redrill #2.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" B-23A
31-11N-14E UM, Fr NE cor 894'S 1897'W(Surface)
32-11N-14E UM, Fr NW cor 2209'S 858'E(BHL)
32-11N-14E UM, Fr SE cor 3818'N 3213'W(est.BHL-RD)
13-3/8c.2693 9-5/8W.???? 7c.???? 50-029-20779-01
(Alaska United #2) S-8/27/82 Rig rel-9/17/82
Rsm-04/16/97(Doyon Drlg #141) Directional
10085 RD???? Redrilled below 9900', no details.
Released rig 5/5/97. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" D-23A
23-11N-13E UM, Fr NE cor 1440'S 1692'W(Surface)
24-11N-13E UM, Fr SW cor 2249'N 2506'E(BHL)
24-11N-13E UM, Fr NW cor 5125'S 4014'E(BHL-RD)
13-3/8c.2717 9-5/8W.???? 7c.???? 50-029-20738-01
(Alaska United Drlg #2) S-1/11/83 Rig rel-1/31/83
(Doyon Drlg #16) Rsm-12/5/96 Rig rel-12/29/96
Rsm-04/15/97(Doyon Drlg #141) Directional
13055 RD9014 Resumed 4/15/97 for redrill.
Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" K-09B
4-11N-14E UM, Fr NW cor 2113'S 493'E(Surface)
5-11N-14E UM, Fr NE cor 4030'S 2287'W(BHL)
5-11N-14E UM, Fr SE cor 490'N 2790'W(est.BHL-RD)
5-11N-14E UM, Fr SE cor 3587'N 3831'W(est.BHL-RD2)
20c.110 13-3/8c.2675 9-5/8W.7594 50-029-21736-02
(Doyon Drlg #9) Rsm-2pm, 11/25/94 Rig rel-12/13/94
(Nabors Drlg #18E) S-8/24/87 Rig rel-9/9/87
Rsm-05/10/97(Doyon Drlg #16) Directional
10037 RD9936 Issued permit #97-85 on 5/7/97
Resumed 5/10/97 for redrill #2. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" M-05AL1
1-11N-12E UM, Fr NE cor 3078'S 605'W(Surface)
12-11N-12E UM, Fr NE cor 2914'S 345'W(BHL)
11-11N-12E UM, Fr SE cor 3426'N 4067'W(est.BHL-RD)
11-11N-12E UM, Fr SE cor 3426'N
4067'W(est.BHL-RD-lateral) 50-029-20194-61
20c.100 13-3/8c.2695 9-5/8c.11664 7c.11990
(Nabors Drlg #18E) S-2/12/76 Comp-4/18/76
Rsm-05/11/97(Nabors Drlg #2ES) Directional
12701 Fg11680 Issued permit #97-81 on 5/7/97.
Resumed 5/11/97 for redrill #1. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" P-21B
31-11N-13E UM, Fr SW cor 2260'N 2019'E(Surface)
12-10N-12E UM, Fr NE cor 2319'S 3505'W(BHL)
12-10N-12E UM, Fr NE cor 2897'S 3245'W(BHL-RD)
36-11N-12E UM, Fr SE cor 2882'N 4497'W(est.BHL-RD2)
20c.110 10-3/4c.2997 7-5/8W.???? 50-029-22148-02
(Alaska United #2) S-9:45am, 3/20/91 Rig rel-4/18/91
(Nabors Drlg #18E) Rsm-4/22/96 Rig rel-5/4/96
(Doyon Drlg #9) Directional Map:AL-4
15-60 RD11391 Active, no details.

Munger Oillogram, Page 8

MAY 15, 1997

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-43L1
35-12N-12E UM, Fr SE cor 4211'N 4503'W(Surface)
26-12N-12E UM, Fr SE cor 2858'N 229'W(est.BHL)
26-12N-12E UM, Fr SE cor 2858'N 229'W(est.BHL-L1)
50-029-22754 S-05/05/97(Nabors Drlg #18E)
Directional Map:AL-4
???? Drilling, no details.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" Y-09A
33-11N-13E UM, Fr NE cor 1387'S 98'W(Surface)
4-10N-13E UM, Fr NE cor 596'S 54'W(BHL)
4-10N-13E UM, Fr SE cor 442'N 1632'W(est.BHL-RD)
13-3/8c.2686 9-5/8c.10221 7c.11150 50-029-20579-01
(Vanguard #2) S-6/14/81 Rig rel-7/4/81 Map:AL-4
Directional
11162 Issued permit #97-83 on 5/7/97 for redrill
#1.

OTHER WESTERN STATES

ST. JOHNS

Ridgeway Arizona Oil Corp "State" 10-16-31 Map:AZ
16-10N-31E, Fr SW cor 1980'N 1980'E 02-001-20311
8-5/8c.875 4-1/2c.2798aprx State Lease 13-101-540
(Aztec Well Service) S-4/7/97 Rig rel-4/17/97
Rsm-05/01/97(Aztec Well Service) elev:7246'GR
2400'-est.td (NFW)
2798 Cmtd 4-1/2" csg at aprx.2798'. Released rig
5/7/97.

Ridgeway Arizona Oil Corp "State" 10-26-29 Map:AZ
26-10N-29E, Fr SW cor 1206'E 2260'N 02-001-20315
8-5/8c.1118 4-1/2c.3200 State Lease #13-101-533
S-04/18/97(Aztec Well Service) elev:6932.5'GR
2300'-est.td (NFW)
3200 Drilled to TD. Cmtd 4-1/2" csg at 3200'.
Released rig 5/1/97.

Ridgeway Arizona Oil Corp "State" 12-15-30 Map:AZ
15-12N-30E, Fr SW cor 1980'N 1980'E 02-001-20312
8-5/8c.1280 S-05/08/97(Aztec Well Service) (NFW)
State Lease 13-101-545 elev:6712'GR 2400'-est.td
1285 Cmtd 8-5/8" csg at 1280'. Drilling ahead.

DIXIE VALLEY

Oxbow Geothermal Corp. "33" 37-33 27-001-90240
33-25N-37E, SE-1/4 SW-1/4 Map:NV
20c.1350 S-05/01/97(VECO Drlg Co #10)
3772 Drilling.

GHOST RANCH

Eagle Springs Prod LLC "Ghost Ranch Federal" 47-35
35-3N-57E, Fr SW cor 1052'N 2340'E 27-023-05552
7c.4696 S-03/09/97(Caza Drlg #63) elev:4746'GR
(Federal Lease N-42341) 5000'-est.td Map:NV
4696 Tested 152 B/D oil, 242 B/D water. Working on
sealing off water from another zone.

LATHROP WELLS

Westek Resources, Inc. "Wheeling" 1 Map:NV (NFW)
13-16S-51E, Fr NE cor 2100'S 950'W
(Federal Lease N-61369)
Filed notice of staking.

RAILROAD VALLEY

Pioneer Oil & Gas Co. "Timber Mountain Unit" 13-14
13-6N-56E, Fr SW cor 660'N 660'E 27-023-05529
7c.???? S-8:30am-06/27/95(Cardinal Drlg Co #12)
Federal lease N-42199 elev:4795'GR 4500'-est.td
3943 Plugged and ABANDONED 9/23/95. (Corrected
report). Map:NV Status:DRY-09/23/95 (NFW)

SANS SPRING

Big West Oil & Gas, Inc. "Sans Spring" 5-14A Map:NV
14-7N-56E, Fr NW cor 1790'S 450'E 27-023-05546
S-04/02/97(Caza Drlg #3) (Federal Lease N-47646)
elev:4708'GR 5636'-est.td
???? Released rig 4/14/97. Will move in Colorado
Well Service rig when finished at Ghost Ranch.

**PETROLEUM INFORMATION/DWIGHTS
DAILY ACTIVITY REPORT
SECTION II - 05/14/97**

PAGE 9

DRILLING ACTIVITY

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO=WILDCAT OUTPOST; D=DEVELOPMENT.

■ DENOTES NEW INFORMATION ADDED THIS WEEK. LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.
● DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

RIDGEWAY ARIZONA OIL 9-22-29 RIDGEWAY API 02-001-20310	22-9N-29E SW SE 1091 FSL 2674 FWL	WILDCAT; PERMIT #898; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7191 KB; LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 6 MI N SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED. WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL SPOT CHGD FROM C SW. ELEV CHGD FROM 1746 GR.	WF
■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/30/97 DRLG COMMENTS: AZTEC WELL SERVICING #157 COMPLETED. 3180 TD. (TD REACHED: 04/06/97); ... 3180 TD, PERFORM (LDIR 05/13/97)			
RIDGEWAY ARIZONA OIL 10-26-29 RIDGEWAY STATE API 02-001-20315	26-10N-29E NW SW 2260 FSL 1206 FWL	WILDCAT; PERMIT #903; 2300 FORT APACHE, (FR 04/10/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (520) 337-3230; EL: 6946 KB; LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 12 MI NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.	WF
■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/18/97 CSG: 8 5/8 @ 1118; DRLG COMMENTS: AZTEC WELL SERVICING #157 COMPLETED. 2850 TD, (TD REACHED: 04/30/97); ... 2850 TD(APPROX), TSTG (LDIR 05/13/97)			
RIDGEWAY ARIZONA OIL 10-22 RIDGEWAY STATE API 02-001-20308	22-10N-30E SW SW 660 FSL 660 FWL	WILDCAT; PERMIT #896; 2300 FORT APACHE, (FR 02/18/97FM) OPER ADD: 1080-700 4TH AVE SW, CALGARY, AL, T2R -03J4 PHONE (800) 347-0294; EL: 6891 KB; LOCATION DATA: 10 MI S-SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 20 MI SE ST JOHNS, AZ; TO BE VERTICALLY DRILLED.	WF
■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/21/97 DST # 1, ISIP 410, (AMOS WASH), REC CO2 GTS; DRLG COMMENTS: AZTEC WELL SERVICING #157 COMPLETED. 2265 TD, (TD REACHED: 03/27/97); ... 2265 TD, TSTG (LDIR 05/13/97)			
RIDGEWAY ARIZONA OIL 10-16-31 RIDGEWAY API 02-001-20311	16-10N-31E NE SW 1980 FSL 1980 FWL	WILDCAT; PERMIT #899; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7259 KB; LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 16 MI NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.	WF
■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/08/97 DRLG COMMENTS: LOST CIRC PROBLEMS WHILE DRLG, CO2 GTS @ TD. 2798 TD, (TD REACHED: 04/17/97); ... 2798 TD, WOCT (LDIR 05/13/97)			
RIDGEWAY ARIZONA OIL 12-15-30 RIDGEWAY API 02-001-20312	15-12N-30E NE SW 1980 FSL 1980 FWL	WILDCAT; PERMIT #900; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 6725 KB; LOCATION DATA: 5 MI E UNNAMED FLD(FORT APACHE)CO2 GAS DISC 15-12N-29E 10 1/2 MI E-SE ST JOHNS, AZ; TO BE VERTICALLY DRILLED.	WF
■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 05/07/97 CSG: 4 1/2 @ 2595; 2595 TD, (TD REACHED: 05/12/97); ... 2595 TD, WOC (LDIR 05/13/97)			

COLORADO

GARFIELD COUNTY

BARRETT RESOURCES RMV 201-20 CLOUGH FEDERAL API 05-045-07122	20-6S-94W SW NE 1386 FNL 2274 FEL	RULISON; PERMIT #96-872; 7616 WILLIAMS FORK, PROJ TVD: 7545, (FR 12/09/96DN) OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202 PHONE (303) 606-4071; EL: 5481 GR; LOCATION DATA: 7 MI W-SW RIFLE, CO; TO BE DIRECTIONALLY DRILLED. PBHL: 632 FT; 622 N 114 E; 764 FNL 2180 FEL SW NW NE 20-6S-94W; CSG: 9 5/8 @ 899 W/550 SX, COND @ 43; ... DRLG 7128 (LDIR 05/13/97)	D
■ CONTR: NABORS DRLG USA, RIG #457; SPUD: 04/22/97, CSG: 9 5/8 @ 899 W/550 SX, COND @ 43; ... DRLG 7128 (LDIR 05/13/97)			
BARRETT RESOURCES GM 22-1 UNOCAL API 05-045-07147	1-7S-96W SE NW 1880 FNL 2175 FWL	GRAND VALLEY; PERMIT #97-78; 6650 WILLIAMS FORK, (FR 02/04/97DN) OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202 PHONE (303) 572-3900; EL: 5488 GR; LOCATION DATA: 1 MI N PARACHUTE, CO; TO BE VERTICALLY DRILLED.	D
■ CONTR: NABORS DRLG USA, RIG #414; SPUD: 04/27/97, CSG: 9 5/8 @ 321 W/275 SX; ... DRLG 6510 (LDIR 05/13/97)			
BARRETT RESOURCES GM 201-4 FEDERAL API 05-045-07119	4-7S-96W NW NE 466 FNL 2236 FEL	GRAND VALLEY; PERMIT #96-865; 6582 WILLIAMS FORK, (FR 12/05/96DN) OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202 PHONE (303) 606-4071; EL: 5688 GR; LOCATION DATA: 3 1/2 MI W-NW PARACHUTE, CO; TO BE VERTICALLY DRILLED.	D
■ CONTR: NABORS DRLG USA, RIG #488; SPUD: 04/19/97, CSG: 9 5/8 @ 321 W/175 SX, 4 1/2 @ 6544 W/1025 SX; 6552 TD, (TD REACHED: 05/06/97); ... 6552 TD, WOCT (LDIR 05/13/97)			
BARRETT RESOURCES GM 42-4 FEDERAL API 05-045-07131	4-7S-96W SE NE 2026 FNL 526 FEL	GRAND VALLEY; PERMIT #96-902; 6600 WILLIAMS FORK, (FR 12/13/96DN) OPER ADD: 1515 ARAPAHOE ST TWR 3 STE 1000, DENVER, CO, 80202 PHONE (303) 572-3900; EL: 5755 GR; LOCATION DATA: 3 MI W-NW PARACHUTE, CO; TO BE VERTICALLY DRILLED.	D
■ CONTR: NABORS DRLG USA, RIG #488; SPUD: 05/10/97, CSG: 9 5/8 @ 322 W/175 SX; ... DRLG 1880 (LDIR 05/13/97)			

Stock soars on drilling discoveries

Art Harrington
The Observer

APACHE COUNTY —

Southern Apache County is making international news with the discovery of its vast CO₂ resources. Consequently the stock of developer Ridgeway Petroleum Corporation continues to climb.

Drilling by Aztec Well Service, contracted by Ridgeway, began on February 12 to prove up the carbon dioxide gas reserves which had been estimated at four-to-five trillion cubic feet. The huge rigs have lost no time in completing seven wells and are now working on the eighth.

According to information *The Observer* has been able to discover, the company has hit CO₂ in each of the wells drilled. This would seemingly indicate widespread deposits, since drilling thus far has been reported in areas from north of St. Johns to just northeast of Springerville.

The discovery has not escaped the attention of the stock market. Ridgeway Petroleum stock (symbol RGW) has moved this year from a low of \$.92 per share to a high of \$7.35 (Canadian). On Friday it closed at \$5.55, having traded as high as \$5.75 that day.

On Monday trading of the stock on the Vancouver exchange was temporarily halted. It was resumed after the company announced a blowout on the #6 well had been contained. With that being an indicator of an even greater reservoir, the stock closed on Monday at \$6.00.

Ridgeway was incorporated February 22, 1980 as Brent West Minerals. It continued doing business under that name until February 26, 1990, when it became Ridgeway Petroleum Corp. Its

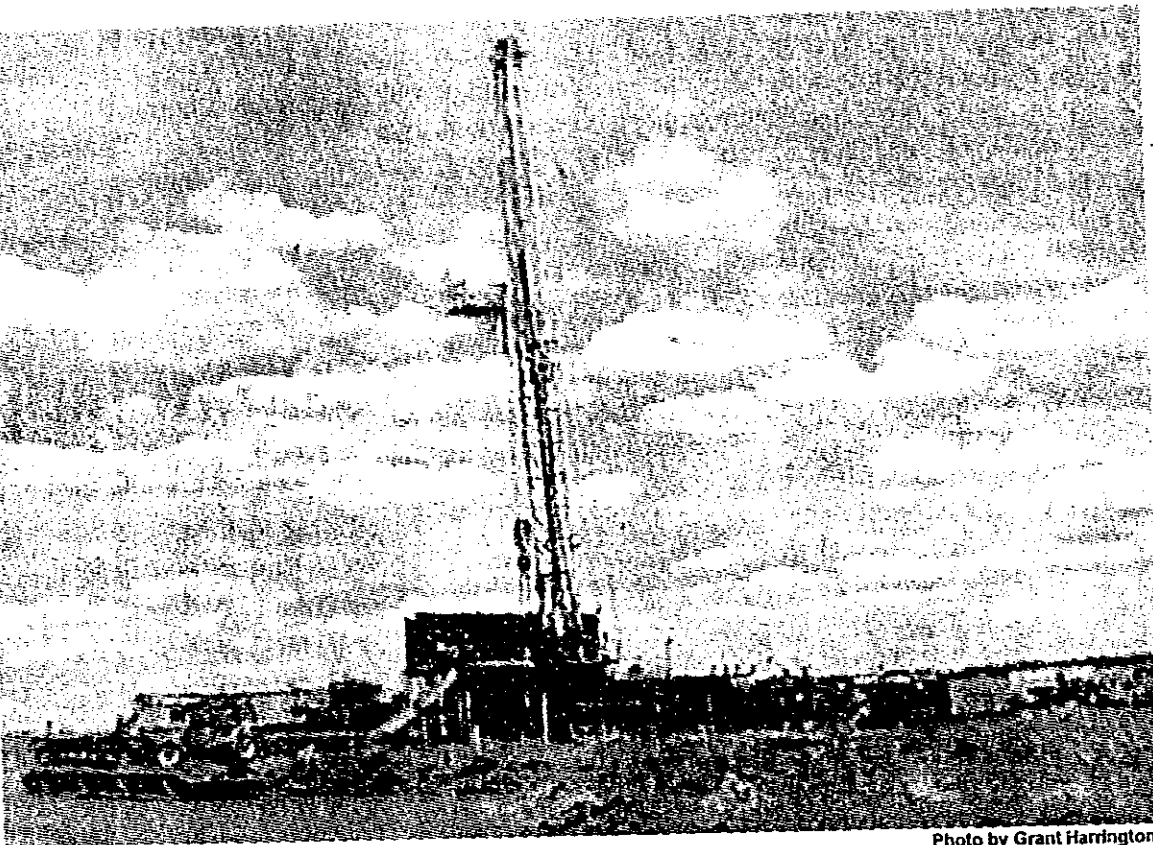


Photo by Grant Harrington

Drilling in southern Apache County has revealed immense deposits of CO₂. Ridgeway Petroleum, the developer, has realized spectacular increases in its stock since the news of the discoveries has reached investors. The rig pictured above costs over \$1 million dollars. It has a crew of eight which man it with 12-hour shifts, so the rig can keep drilling 24-hours a day.

home office is in Calgary, Alberta, Canada. The primary business of the company is the extraction of oil and gas, with a secondary interest in diamonds. As of May 2, 11,061,829 of its authorized 25,000,000 shares had been issued. The volume traded on that day was 12,700.

Ridgeway President Walter Ruck also announced on May 2 that a 4,800,000 special warrant brokered private placement through Yorkton Securities had closed. Gross proceeds of \$16,800,000 were received, of which approximately \$10 million was being held in escrow, pending the advancement of the company's previously announced transaction involving Arizona Resources In-

dustries.

Is there a market for such CO₂ resources? Without a doubt. The largest consumer of CO₂ is the petroleum industry, which uses the gas to help force otherwise unretrievable oil deposits into collectable pools. The Permian Basin in west Texas and eastern New Mexico, for example, uses in excess of 1.4 billion cubic feet per day in its oil recovery operations. The hundreds of other uses for CO₂ include a diversity ranging from food processing, carbonation of beverages and water purification, to flash freezing.

How would the product be moved? According to information *The Observer* has been able to glean, resources of two trillion cubic feet would justify the construc-

tion of a pipeline to oilfields in California or Texas. The company has apparently proven with its wells drilled thus far that more than adequate reserves exist to begin planning for a pipeline.

Our information also indicates that a number of major players in the industry are actively involved in bidding on the gas. Names such as Chevron and Cal Resources continue to surface.

Also previously reported has been the discovery of helium, along with the CO₂. While the quantity of helium has yet to be determined, *The Observer* understands Ridgeway is also evaluating the possibility of building a helium extraction plant in southern Apache County.

May 8, 1997

PRUDHOE BAY

ARCO Alaska Inc. "Prudhoe Bay Unit" 03-33A Map:AL-4
 11-10N-15E UM, Fr SW cor 215'N 821'E(Surface)
 11-10N-15E UM, Fr SE cor 2419'N 576'W(BHL)
 11-10N-15E UM, Fr NE cor 1357'S 2562'W(est.BHL-RD)
 20c.110 13-3/8c.2506 9-5/8W.???? ?c.?????
 50-029-21142-01 Rsm-04/19/97(Nabors Drlg #3S)
 (Rowan Drlg #35) S-7/26/84 Rig rel-8/11/84
 Directional
 10937 RD???? Redrilled, details later. Released
 rig 5/3/97.

ARCO Alaska Inc. "Prudhoe Bay Unit" 05-27A Map:AL-4
 32-11N-15E UM, Fr SW cor 2144'N 1207'E(Surface)
 4-10N-15E UM, Fr NW cor 2438'S 266'E(BHL)
 4-10N-15E UM, Fr NE cor 2630'S 3844'W(BHL-RD)
 20c.110 13-3/8c.3699 9-5/8c.9254 7W.???? ?c.?????
 50-029-21979-01 Rsm-11/09/96(Nabors Drlg #3ES)
 (Nabors Drlg #28E) S-10/5/89 Rig rel-11/9/89
 Directional Status:OIL-11/20/96
 13600 TVD9045 Recompleted oil well 11/20/96.

ARCO Alaska Inc. "Prudhoe Bay Unit" 11-31A Map:AL-4
 33-11N-14E UM, Fr NE cor 77'S 119'W(Surface)
 28-11N-15E UM, Fr NW cor 321'S 1938'E(est.BHL)
 28-11N-15E UM, Fr SE cor 4285'N 3487'W(BHL-RD)
 10-3/4W.???? ?c.????? 50-029-22509-01 Directional
 (Nabors Drlg #28E) S-11pm, 10/1/94 Rig rel-10/14/94
 Rsm-12/04/96(Doyon Drlg #14) Status:OIL-12/31/96
 12009 TVD8782 Recompleted oil well 12/31/96.

ARCO Alaska Inc. "Prudhoe Bay Unit" 18-21A Map:AL-5
 19-11N-15E UM, Fr NW cor 1219'S 416'E(Surf)
 29-11N-15E UM, Fr NW cor 302'S 1501'E(BHL)
 29-11N-15E UM, Fr NE cor 1048'S 2618'W(BHL-RD)
 13-3/8c.3800 9-5/8c.9876 7W.???? ?c.?????
 50-029-21944-01 Rsm-02/22/97(Nabors Drlg #3ES)
 (Nabors Drlg #28E) S-5pm, 4/27/89 Rig rel-5/27/89
 Directional Status:OIL-02/25/97
 14073 TVD8729 Recompleted oil well 2/25/97.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" B-23A
 31-11N-14E UM, Fr NE cor 894'S 1897'W(Surface)
 32-11N-14E UM, Fr NW cor 2209'S 858'E(BHL)
 32-11N-14E UM, Fr SE cor 3818'N 3213'W(est.BHL-RD)
 13-3/8c.2693 9-5/8W.???? 50-029-20779-01 Map:AL-4
 (Alaska United #2) S-8/27/82 Rig rel-9/17/82
 Rsm-04/16/97(Doyon Drlg #141) Directional
 10085 Redrilling at 9875'.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" D-01A
 23-11N-13E UM, Fr NE cor 2130'S 1067'W(Surface)
 23-11N-13E UM, Fr SW cor 1980'S 1980'E(BHL)
 23-11N-13E UM, Fr NE cor 3831'S 3765'W(est.BHL-RD)
 13-3/8c.2650 ?c.????? 50-029-20054-01 Directional
 (Nabors Alaska #NB1) S-1/4/70 Comp-3/18/70
 10100 Issued permit #97-78 on 4/30/97 for redrill
 #1. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" P-21B
 31-11N-13E UM, Fr SW cor 2260'N 2019'E(Surface)
 12-10N-12E UM, Fr NE cor 2319'S 3505'W(BHL)
 12-10N-12E UM, Fr NE cor 2897'S 3245'W(BHL-RD)
 36-11N-12E UM, Fr SE cor 2882'N 4497'W(est.BHL-RD2)
 20c.110 10-3/4c.2997 7-5/8W.???? 50-029-22148-02
 (Alaska United #2) S-9:45am, 3/20/91 Rig rel-4/18/91
 (Nabors Drlg #18E) Rsm-4/22/96 Rig rel-5/4/96
 (Doyon Drlg #9) Directional Map:AL-4
 15460 RD11391 Redrilled to 11391'. Running liner.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-43L1
 35-12N-12E UM, Fr SE cor 4211'N 4503'W(Surface)
 26-12N-12E UM, Fr SE cor 2858'N 229'W(est.BHL)
 26-12N-12E UM, Fr SE cor 2858'N 229'W(est.BHL-L1)
 50-029-22754 S-05/05/97(Nabors Drlg #18E)
 Directional Map:AL-4
 ??? Drilling, no details.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-44L1
 35-12N-12E UM, Fr SE cor 4242'N 4502'W(Surface)
 27-12N-12E UM, Fr SE cor 747'N 4811'W(est.BHL)
 33-12N-12E UM, Fr SE cor 5093'N 993'W(est.BHL-L1)
 ?c.????? 50-029-22735-60 Directional Map:AL-4
 S-03/02/97(Nabors Drlg #18E)
 ??? Drilling, details later. Released rig 5/5/97.

OTHER WESTERN STATES

STATE OF ARIZONA
ST JOHNS
 *Ridgeway Arizona Oil Corp "State" 10-16-31 Map:AZ
 16-10N-31E, Fr SW cor 1980'N 1980'E 02-001-20311
 8-5/8c.875 S-04/07/97(Aztec Well Service) (NPW)
 State Lease 13-101-540 elev:7246'GR 2400'-est.td
 2798 Resumed drilling to TD. While preparing to
 log, CO2 increased, followed by uncontrolled gas to
 surface. Well has been controlled. Preparing to kill
 well and run casing.

*Ridgeway Arizona Oil Corp "State" 10-26-29 Map:AZ
 26-10N-29E, Fr SW cor 1206'E 2260'N 02-001-20315
 8-5/8c.1118 S-04/18/97(Aztec Well Service) (NPW)
 State Lease #13-101-533 elev:6932.5'GR
 2300'-est.td
 2300aprx. Drilled. Ran csg to bottom. Released
 rig, details later.

DIXIE VALLEY

Oxbow Geothermal Corp. "33" 37-33 Map:NV
 33-25N-37E, SE-1/4 SW-1/4 Map:NV
 20c.1350 S-05/01/97(VECO Drlg Co #10)
 3500 Drilling.

GHOST RANCH

Eagle Springs Prod LLC "Ghost Ranch Federal" 47-35
 35-9N-57E, Fr SW cor 1052'N 2340'E 27-023-05552
 7c.4696 S-03/09/97(Caza Drlg #63) elev:4746'GR
 (Federal Lease N-42341) 5000'-est.td Map:NV
 4696 Testing with Colorado Well Service rig.

LATHROP WELLS

*Westek Resources, Inc. "Wheeling" 1 Map:NV (NPW)
 13-16S-51E, Fr NE cor 2100'S 950'W
 (Federal Lease N-61369)
 Filed notice of staking.

SANS SPRING

Big West Oil & Gas, Inc. "Sans Spring" 5-14A Map:NV
 14-7N-56E, Fr NW cor 1700'S 450'E 27-023-05546
 S-04/02/97(Caza Drlg #63) (Federal Lease N-47646)
 elev:4708'GR 5636'-est.td
 ??? Released rig 4/14/97. Will move in Colorado
 Well Service rig when finished at Ghost Ranch.

Trio Petroleum, Inc. "Federal" 86X-19 Map:NV (NPW)
 19-7N-57E, Fr SE cor 2000'N 100'W
 (Federal Lease N-55475)
 Notice of staking filed 1/28/97.

KYLE SPRING

*Evans-Barton, Ltd "Kyle Spring" 11-14 27-027-05005
 11-29N-36E, Fr SW cor 1033'N 769'E elev:4786.54'GR
 4-1/2c.2500 S-11/06/96(Humboldt Drlg) Map:NV
 Federal lease N-58388 2500'-est.td (NPW)
 2622 Released rig 11/25/96. Perforated an
 undisclosed interval. Waiting on a completion rig.

SAN EMILIO

San Emilio Resources, Inc. "16" 76-16 Map:NV
 16-29N-23E, Fr SE cor aprx.1650'N 990'W
 S-05/05/97(Buckland Drlg "SER" #1)
 200 Drilling.

MIST

Enerfin Resources Northwest "CC" 32-27-65
 27-6N-5W, Fr NE cor 1472'S 2422'W 36-009-00322
 7c.493 S-09/14/96(Taylor Drlg Co #7) elev:860'KB
 2010'Clark/Wilson-est.td Map:OR
 2084 Temporarily abandoned 9/20/96.

Munger Oillogram Resume

***** COMPLETIONS *****
SACRAMENTO VALLEY
BUTTE SINK-NORTH
 *Donald C Slawson Expl Co Inc. "Butte Sink" 1-22
 22-17N-1W MD, Fr SW cor 900'N 1300'E 04-011-20595
 8-5/8c.400 4-1/2c.3050 (Irani Engineering) Map:6
 S-04/20/97(Paul Graham Drlg #4) elev:67'KB Conf.
 3675 TD Drilled. Logged. Cmtd 4-1/2" csg at
 3050'. Released rig 4/23/97. Completed gas well

SAN JOAQUIN VALLEY

BEA RIDGE-SOUTH
 **Torch Operating Co. "Hopkins" 9-11 04-030-07990
 9-29S-21E MD, Fr NE cor 1541'S 2384'W elev:660'KB
 9-5/8c.1254 6-5/8Ld.1290 Map:75-6 Int:1254-1290'
 S-04/29/97(Gary Drlg Co #7) Status:OIL (EXT)
 1350 Pg1290 TD. Drilled. Logged. Cmtd 9-5/8" csg
 at 1254'. Ran 6-5/8" lnr to 1290'. Released rig

KERN COUNTY

5-8-97

Don Riggs

Finished 10-16-31 (PIN 899) @ 2728'

1 Ask about blowout & why not reported?

Blowout was Walter's term

Flowed well on choke ~ 2.4 mm cfd

Had to weight up, i.e. fill hole w/ 9.5 mud to turn CSG

1 ASK how gauge well?

= choke size & pressure $(14.65) \div 18$ (= choke coefficient #)

sp. grav. methane 0.6, of CO₂ 0.14-0.15

How collect sample

= stainless steel chambers w/ valve on each end
purge several times

close outer valve & pressure up

close inner valve & send to lab.

= Using 3 labs Mitchell = 99.4% CO₂ (in Midland, State of art)

Federal = 99.114% CO₂

Another = 98.9% CO₂

As of May 1, 1997 Engineering firm in NM est. 4.5 tcf reserve

FAX: (403)262-5294 EMAIL: ridgeway@mail.cypronet.com

ARIZONA PROJECT

May 5, 1997

→ P/W 855, 10-16-21

file 899

The Company reports that the sixth well, (Sec 16 TWP 10N RGE 31E), in the current 10 well delineation drilling program, has now been successfully air drilled to a total depth of 2798 feet. This well had been temporarily suspended due to lost circulation problems.

While preparing to log the well an increase in CO₂ was noted on the chromatography followed by uncontrolled gas to surface in as yet undetermined amounts and pressures. The well has been controlled and weight material is on its way to the well site to kill the well so casing can be set.

This is the first blowout encountered in the exploration of the field and appears to be a result of increased reservoir quality and possibly a benefit from air drilling as opposed to conventional mud drilling.

State of Arizona
Arizona Administrative Code
Oil and Gas Conservation Commission

R12-7-120. Notification of fires, leaks, spills, and blowouts

A. Each operator shall notify the Commission within 24 hours of any fire, break, leak, spill, overflow, or blowout that occurs at any oil, gas, or geothermal drilling, producing, or transportation facility, or at any injection, disposal, or storage facility.

B. Each operator shall file a final written report within 15 days of resolving incidents described in subsection (A) giving the location by quarter-quarter section, township and range; date and time of occurrence; specific nature and cause of the incident; resultant damage; action taken to correct the situation and prevent its reoccurrence; and losses of hydrocarbons or geothermal resources.

5-7-97

Don Riggs,

What is the current status
of your drilling?

Steve Rauzi

PAGE 9

PETROLEUM INFORMATION/DWIGHTS
DAILY ACTIVITY REPORT
SECTION II - 05/07/97

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DRILLING ACTIVITY

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO=
WILDCAT OUTPOST; D=DEVELOPMENT.

■ DENOTES NEW INFORMATION ADDED THIS WEEK. LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.

● DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

RIDGEWAY ARIZONA OIL 22-9N-29E
9-22-29 RIDGEWAY SW SE
API 02-001-20310 1091 FSL 2674 FWL

WILDCAT; PERMIT #898; 2400 FORT APACHE, (FR 03/17/97FM) OPER WF
ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7191 KB;
LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 6 MI N SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.
WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL SPOT CHGD
FROM C SW. ELEV CHGD FROM 1746 GR.

■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/30/97 3180 TD, (TD REACHED: 04/06/97); ... 3180 TD, WOCT (LDIR 05/06/97)

RIDGEWAY ARIZONA OIL 21-9N-31E
9-21 RIDGEWAY STATE SW NE
API 02-001-20309 1980 FNL 1980 FEL

WILDCAT; PERMIT #897; 2300 FORT APACHE, (FR 03/03/97FM) OPER WF
ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7211 KB;
LOCATION DATA: 17 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC NE
3-11N-29E 10 1/2 MI E-NE SPRINGVILLE, AZ; TO BE VERTICALLY
DRILLED.

■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/08/97 CSG: 4 1/2 @ 2680; DST # 1 (GRANITE WASH) 2600, ISIP 680, REC CO2
GTS(AMT NOT RPTD); 2686 TD, (TD REACHED: 03/16/97); ... 2686 TD, WOCT (LDIR 05/06/97)

RIDGEWAY ARIZONA OIL 26-10N-29E
10-26-29 RIDGEWAY STATE NW SW
API 02-001-20315 2260 FSL 1206 FWL

WILDCAT; PERMIT #903; 2300 FORT APACHE, (FR 04/10/97FM) OPER WF
ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (520) 337-3230; EL: 6946 KB;
LOCATION DATA: 10 MI S UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 12 MI NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.

■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/18/97 CSG: 8 5/8 @ 1118; DRLG COMMENTS: AZTEC WELL SERVICING #157
COMPLETED. 2850 TD, (TD REACHED: 04/30/97); ... 2850 TD(APPROX), COMPLETING (LDIR 05/06/97)

RIDGEWAY ARIZONA OIL 22-10N-30E
10-22 RIDGEWAY STATE SW SW
API 02-001-20308 660 FSL 660 FWL

WILDCAT; PERMIT #896; 2300 FORT APACHE, (FR 02/18/97FM) OPER WF
ADD: 1080-700 4TH AVE SW, CALGARY, AB, T2R-03J4 PHONE (800)
347-0294; EL: 6891 KB; LOCATION DATA: 10 MI S-SE UNNAMED FLD(FORT
APACHE)CO2 DISC 3-11N-29E 20 MI SE ST JOHNS, AZ; TO BE VERTICALLY
DRILLED.

■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/21/97 DST # 1, ISIP 410, (AMOS WASH), REC CO2 GTS; 2265 TD, (TD REACHED:
03/27/97); ... 2265 TD, WOCT (LDIR 05/06/97)

899 RIDGEWAY ARIZONA OIL 16-10N-31E
10-16-31 RIDGEWAY NE SW
API 02-001-20311 1980 FSL 1980 FWL

WILDCAT; PERMIT #899; 2400 FORT APACHE, (FR 03/17/97FM) OPER WF
ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7259 KB;
LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 15 MI NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.

■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/08/97 DRLG COMMENTS: LOST CIRC PROBLEMS WHILE DRLG, CO2 GTS @ TD.
2798 TD, (TD REACHED: 04/17/97); ... 2798 TD, RING PROD CSG (LDIR 05/06/97)

RIDGEWAY ARIZONA OIL 22-12N-29E
22-1X RIDGEWAY STATE SE NW
API 02-001-20301 1363 FNL 1713 FWL

UNNAMED; PERMIT #888; 2300 FORT APACHE, (FR 08/28/95FM) OPER WO
ADD: 1080-700 4TH AVE SW, CALGARY, AB, T2R-03J4 PHONE (505)
327-1376; EL: 6406 KB; LOCATION DATA: 1 MI S CO2
DISCOVERY-UNNAMED 15-12N-29E FLD 8 MI SE ST JOHNS, AZ; TO REPLACE
JUNKED HOLE #1; TO BE VERTICALLY DRILLED. PERMIT REISSUED:
08/28/96 WELL ID CHANGES: WELL NAME CHGD FROM STATE. FTG CHGD
FROM 1383 FNL 1723 FWL

■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 02/11/97 CSG: 4 1/2 @ 2138; CORE # 1 (FORT APACHE) 1296-1696 NO RECOVERY;
SHOWS: FORT APACHE CO2 2145 TD, (TD REACHED: 02/20/97); ... 2145 TD, WOCT (LDIR 05/06/97)



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

May 6, 1997

Mr. Don Riggs
Vice President Operations
Ridgeway Arizona Oil Corporation
P.O. Box 1110
St. Johns, Arizona 85936

file 899

Dear Mr. Riggs:

I am writing to remind you of certain compliance requirements of this office with respect to your current drilling program. On April 8 I supplied you with several Sundry Notice forms for your use in providing this office with a weekly summary of wellsite activity, including completion testing, for your wells. To date, no weekly reports have been received. These reports are now due, pursuant to A.R.S. § 27-503, for your wells 22-1X, 11-21, 9-21, 10-22, 9-22-29, 10-16-31, and 10-26-29.

In order that our records be accurate and current, in accordance with Arizona statutes, I am enclosing several Sundry Notice Forms and again request your cooperation in bringing these reports up-to-date.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Administrator

Enclosures

c Walter B. Ruck

bc Mark Steadman

ADD: 1050
4192

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PETROLEUM INFORMATION/DWIGHTS
DAILY ACTIVITY REPORT
SECTION II 05/06/97

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DRILLING ACTIVITY

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO=
WILDCAT OUTPOST; D=DEVELOPMENT.

■ DENOTES NEW INFORMATION ADDED THIS WEEK LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.
● DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

899
RIDGEWAY ARIZONA OIL
10-16-31 RIDGEWAY
API 02-001-20311

16-10N-31E
NE SW
1980 FSL 1980 FWL

WILDCAT; PERMIT #899; 2400 FORT APACHE, (FR 03/17/97FM) OPER WF
ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7259 KB;
LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 16 MI NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.

■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/08/97 1700 TD, (TD REACHED: 04/ 17/97); ... 1700 TD(APPROX). SI, WOO (LDIR 05/05/97)

COLORADO

GARFIELD COUNTY

BROWN TOM INC
2-13 HUGGARD
API 05-045-07170

2-7S-94W
NW NE
808 FNL 2212 FEL

RULISON; PERMIT #97-244; 7500 WILLIAMS FORK, (FR 04/08/97DN) OPER D
ADD: 141 UNION BLVD STE 400, LAKEWOOD, CO, 80228 PHONE (303)
980-8050; EL: 5875 GR; LOCATION DATA: 5 MI SW RIFLE, CO; TO BE
VERTICALLY DRILLED.

■ CONTR: CAZA DRLG, RIG #16;SPUD: 05/01/97, ... DRLG 2780 (LDIR 05/05/97)

YUMA COUNTY

J-W OPERATING
10-11 KLINZMAN
API 05-125-07970

11-4N-46W
NW SE
1980 FSL 1980 FEL

OLD BALDY; PERMIT #97-219; 2850 NIOBRARA, (FR 03/31/97FM) OPER D
ADD: BOX 305, WRAY, CO, 80758 PHONE (970) 332-3151; EL: 3878 GR;
LOCATION DATA: 15 MI N ECKLEY, CO; TO BE VERTICALLY DRILLED.

■ CONTR: EXCELL DRLG, RIG #2;SPUD: 04/30/97, ... DRLG 1000 (LDIR 05/05/97)

MONTANA

DAWSON COUNTY

SAMEDAN OIL
41-26H EKLAND
API 25-021-21128

26-17N-53E
NE NE
1160 FNL 660 FEL

DEER CREEK; PERMIT #14469; 14000 CHARLES, PROJ TVD: 7889, (FR 02/13/97DN) OPER ADD: 1050 SEVENTEENTH ST STE 1100, DENVER, CO, 80265 PHONE (303) 534-1533; EL: 2570 KB; LOCATION DATA: 12 MI NW
GLENDAVE, MT 1/2 MI W OF FLD(RED RIVER) 1 MI N UNNAMED
FLD(CHARLES)DISC; TO BE HORIZONTALLY DRILLED. PBHL: 680 FSL
660 FWL C SW SW 26-17N-53E; HORIZONTALLY DRILLED. ABHL: 3275 S
3478 W; 26-17N-53E LAST SURVEY PT 12307 MD, 3275S 3478W OF SURF;
WELL ID CHANGES: ELEV CHGD FROM 2555 GR.

■ CONTR: NABORS DRLG USA, RIG #337;SPUD: 02/16/97, CSG: 9 5/8 @ 1243, 7 @ 8175; LOG TYPES: C8ND 2750-7942, GRL 7372-8182, SP 7372-8182, VD 2750-7942; DST # 1 (TYLER) 6806-8872, OP 15 MIN, SI 1 HR, OP 2 HR, REC: 651 FT SGCM, 837 FT SGSCM, 3419 FT SW, .7 CFT GAS, 2570 CC WTR, @ 1470 PSI, 0.752 CFT GAS, 2570 CC WTR, IFP 427, FFP 929, IFP 1046, FFP 2482, ISIP 2992, FSIP 2987, IHP 3154, FHP 3150, BHT 188; 12350 TD, (TD REACHED: 03/ 01/97) 7950 PBTD; ... 12350 TD, PB 7950, WOCT (LDIR 05/05/97)

NEW MEXICO

RIO ARriba COUNTY

BURLINGTON RES O&G
104M SAN JUAN 28-6 UNIT
API 30-039-25629

8-27N-6W
NE NW
790 FNL 1815 FWL
IC 300397000997

BASIN; 7500 DAKOTA, (FR 01/02/97FM) OPER ADD: BOX 4289, FARMINGTON, NM, 87499-4289 PHONE (505) 326-9700; EL: 6196 KB; LOCATION DATA: 11 MI SW GOBERNADOR, NM TO DUAL COMP BLANCO FLD(MESAVERDE) W/BASIN FLD(DAKOTA); TO BE VERTICALLY DRILLED. D

■ CONTR: WALTERS DRLG, RIG #4 RIG SUB:12; SPUD: 04/16/97 CSG: 9 5/8 @ 229 W/340 SX, 7 @ 3050 W/332 SX, 4 1/2 @ 7313 W/426 SX; 7319 TD, (TD REACHED: 04/ 22/97); ... 7319 TD, WOCT (LDIR 05/05/97)

BURLINGTON RES O&G
37C SAN JUAN 29-7 UNIT
API 30-039-25651

12-29N-7W
SE NW
2630 FNL 2630 FWL
IC 3003970004297

BLANCO; 5769 MESAVERDE, (FR 02/25/97FM) OPER ADD: BOX 4289, FARMINGTON, NM, 87499-4289 PHONE (505) 326-9700; EL: 6330 KB; LOCATION DATA: 4 1/2 MI E NAVAJO CITY, NM; TO BE VERTICALLY DRILLED. D

■ CONTR: AZTEC WELL SRVCG, RIG #301 RIG SUB:13; SPUD: 04/17/97 CSG: 9 5/8 @ 233 W/175 SX, 7 @ 3459 W/414 SX; LNR: 4 1/2 @ 3300-5768 W/264 SX; 5769 TD, (TD REACHED: 04/ 22/97); ... 5769 TD, WOCT (LDIR 05/05/97)

BURLINGTON RES O&G
128M SAN JUAN 29-7 UNIT
API 30-039-25652

27-29N-7W
NW NW
790 FNL 790 FWL
IC 300397000597

BASIN; 8080 DAKOTA, (FR 01/02/97FM) OPER ADD: BOX 4289, FARMINGTON, NM, 87499-4289 PHONE (505) 326-9700; EL: 6868 KB; LOCATION DATA: 4 MI SE NAVAJO CITY, NM TO DUAL COMP BLANCO FLD(MESAVERDE) W/BASIN FLD(DAKOTA); TO BE VERTICALLY DRILLED. D

■ CONTR: WALTERS DRLG, RIG #5 RIG SUB:12; SPUD: 04/16/97 CSG: 9 5/8 @ 231 W/185 SX, 7 @ 3911 W/400 SX, 4 1/2 @ 8107 W/540 SX; 8108 TD, (TD REACHED: 04/ 23/97); ... 8108 TD, WOCT (LDIR 05/05/97)

APR 24, 1997

BP Expl (Alaska) Inc. "Milne Point Unit" H-07
34-13N-10E UM, Fr SE cor 2709'N 4079'W(Surface)
11-12N-10E UM, Fr SE cor 550'N 2391'W(est.BHL)
50-029-22597 S-6am-09/09/95(Nabors Drlg #22E)
Directional Map:AL-4
???? Resumed 4/21/97 for completion work with
Nabors rig #4ES.

BP Expl (Alaska) Inc. "Milne Point Unit" K-38
3-12N-11E UM, Fr SE cor 3549'N 1943'W(Surface)
3-12N-11E UM, Fr SE cor 2522'N 140'W(BHL) Map:AL-4
?c.???? 50-029-22649 S-03/26/96(Nabors Drlg #27E)
Directional Status:OIL-08/02/96
7940 TVD7322 Completed oil well 8/2/96.

BP Expl (Alaska) Inc. "Milne Point Unit" L-32
8-13N-10E UM, Fr SE cor 3706'N 5212'W(Surface)
14-13N-9E UM, Fr SE cor 1148'N 2311'W(est.BHL)
50-029-22758 S-04/13/97(Nabors Drlg #27E)
Directional Map:AL-4
???? Drilling, no details.

NIAKUK

BP Expl (Alaska) Inc. "Niakuk" NK-15 50-029-22745
36-12N-15E UM, Fr SE cor 1373'N 918'W(Surface)
14-12N-15E UM, Fr SE cor 1514'N 1801'W(est.BHL)
S-03/05/97(Pool Arctic #7) Directional Map:AL-5
???? Drilling, no details.

BP Expl (Alaska) Inc. "Niakuk" NK-25 50-029-22760
36-12N-15E UM, Fr SE cor 1371'N 656'W(Surface)
33-12N-16E UM, Fr SE cor 1938'N 1229'W(est.BHL)
Directional Map:AL-5
Issued permit #97-68 on 4/17/97.

POINT MCINTYRE

ARCO Alaska Inc. "Point McIntyre" P2-13 Directional
14-12N-14E UM, Fr SE cor 5269'N 4138'W(Surface)
2-12N-14E UM, Fr SE cor 1753'N 2458'W(est.BHL)
?c.???? 50-029-22757 S-04/08/97(Doyon Drlg #14)
11949 TD. Drilled. Ran csg to an undisclosed
depth. Released rig 4/22/97. Map:AL-4

PRUDHOE BAY

ARCO Alaska Inc. "Prudhoe Bay Unit" 02-30A Map:AL-4
36-11N-14E UM, Fr NW cor 154'S 774'E(Surface)
26-11N-14E UM, Fr NE cor 475'S 2020'W(BHL)
26-11N-14E UM, Fr SE cor 5278'N 1092'W(BHL-RD)
20c.110 10-3/4c.2558 7-5/8W.???? ?c.????
50-029-22202-01 Rsm-01/04/97(Nabors Drlg #2ES)
(Alaska United #3) S-10am, 8/3/91 Rig rel-8/24/91
Directional Status:OIL-02/04/97
12300 TVD8793 Recompleted oil well 2/4/97.

ARCO Alaska Inc. "Prudhoe Bay Unit" 03-16A Map:AL-4
10-10N-15E UM, Fr SE cor 1249'N 78'W(Surface)
9-10N-15E UM, Fr SE cor 383'N 2299'W(BHL)
9-10N-15E UM, Fr NE cor 2639'S 1944'W(est.BHL-RD)
20c.90 13-3/8c.2725 9-5/8W.???? ?c.????
50-029-20415-01 Rsm-03/30/97(Nabors Drlg #3S)
(Rowan Drlg #35) S-2/24/80 Rig rel-3/31/80
Directional
13070 RD7777 Redrilled, no details. Released rig
4/18/97.

ARCO Alaska Inc. "Prudhoe Bay Unit" 03-33A Map:AL-4
11-10N-15E UM, Fr SW cor 215'N 821'E(Surface)
11-10N-15E UM, Fr SE cor 2419'N 576'W(BHL)
11-10N-15E UM, Fr NE cor 1357'S 2562'W(est.BHL-RD)
20c.110 13-3/8c.2506 9-5/8c.10375 7Ld.10936
50-029-21142-01 Rsm-04/19/97(Nabors Drlg #3S)
(Rowan Drlg #35) S-7/26/84 Rig rel-8/11/84
Directional
10937 Pgl0795 Resumed 4/19/97 for redrill #1.

ARCO Alaska Inc. "Prudhoe Bay Unit" 17-19A Map:AL-5
22-10N-15E UM, Fr NW cor 2534'S 4288'E(Surface)
21-10N-15E UM, Fr NW cor 2872'S 2236'E(BHL)
20-10N-15E UM, Fr SE cor 4142'N 205'W(est.BHL-RD)
20c.110 10-3/4c.3845 7-5/8x7W.???? 50-029-22297-01
(Nabors Drlg #18E) S-10:30am, 10/20/92 Rel-11/4/92
Rsm-03/27/97(Doyon Drlg #16) Directional
13181 Redrilled. Deepened from 10415'. Cementing
liner at an undisclosed depth.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" B-23A
31-11N-14E UM, Fr NE cor 894'S 1897'W(Surface)
32-11N-14E UM, Fr NW cor 2209'S 858'E(BHL)
32-11N-14E UM, Fr SE cor 3818'N 3213'W(est.BHL-RD)
13-3/8c.2693 9-5/8c.9235 7c.10080 50-029-20779-01
(Alaska United #2) S-8/27/82 Rig rel-9/17/82
Rsm-04/16/97(Doyon Drlg #141) Directional
10085 Redrilling at 9281'. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" E-18A
6-11N-14E UM, Fr NE cor 1853'S 501'W(Surface)
7-11N-14E UM, Fr NE cor 2328'S 396'W(BHL)
7-11N-14E UM, Fr NE cor 2741'S 879'W(est.BHL-RD)
13-3/8c.2710 9-5/8c.10377 7Ld.11263 Directional
50-029-20654-01 Map:AL-4
(Nabors Drlg #22E) S-9/26/81 Rig rel-10/15/81
11265 Pgl1223 Issued permit #97-69 on 4/17/97 for
redrill #1.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" G-03A
12-11N-13E UM, Fr NE cor 2263'S 1974'W(Surface)
12-11N-13E UM, Fr NE cor 3425'S 2604'W(BHL)
12-11N-13E UM, Fr NE cor 3163'S 2722'W(est.BHL-RD)
13-3/8c.2675 9-5/8c.8375 7Ld.7838-9385 Directional
50-029-20221-01 Map:AL-4
(Brinkerhoff Drlg #36) S-6/19/76 Rig rel-7/22/76
9400 TVD9210 Issued permit #97-70 on 4/17/97 for
redrill #1.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" P-21B
31-11N-13E UM, Fr SW cor 2260'N 2019'E(Surface)
12-10N-12E UM, Fr NE cor 2319'S 3505'W(BHL)
12-10N-12E UM, Fr NE cor 2897'S 3245'W(BHL-RD)
36-11N-12E UM, Fr SE cor 2882'N 4497'W(est.BHL-RD2)
20c.110 10-3/4c.2997 7-5/8W.???? 50-029-22148-02
(Alaska United #2) S-9:45am, 3/20/91 Rig rel-4/18/91
(Nabors Drlg #18E) Rsm-4/22/96 Rig rel-5/4/96
(Doyon Drlg #9) Directional Map:AL-4
15460 TVD9131 Issued permit #97-64 on 4/14/97.
Moving in equipment for redrill #2.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" P-24
31-11N-13E UM, Fr SE cor 2359'N 3138'W(Surface)
25-11N-12E UM, Fr SE cor 1946'N 2835'W(est.BHL)
?c.???? 50-029-22755 S-03/27/97(Doyon Drlg #9)
Directional Map:AL-4
12397 TD. Drilled. Cmtd csg at an undisclosed
depth. Released rig 4/23/97.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-44L1
35-12N-12E UM, Fr SE cor 4242'N 4502'W(Surface)
27-12N-12E UM, Fr SE cor 747'N 4811'W(est.BHL)
33-12N-12E UM, Fr SE cor 5093'N 993'W(est.BHL-L1)
50-029-22735-60 S-03/02/97(Nabors Drlg #18E)
Directional Map:AL-4
???? Drilling, no details.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" Z-32BL1
19-11N-12E UM, Fr NW cor 713'S 1253'E(Surface)
18-11N-12E UM, Fr NE cor 691'S 4355'W(BHL)
18-11N-12E UM, Fr SW cor 3768'N 447'E(BHL-RD)
12-11N-12E UM, Fr SE cor 1831'N 1339'W(est.BHL-RD2)
12-11N-12E UM, Fr SE cor 181'N 2526'W(est.BHL-L1)
20c.110 13-3/8c.2668 9-5/8W.???? 50-029-21924-62
(Alaska United #2) S-1am, 3/28/89 Rig rel-4/17/89
(Doyon Drlg #14) Rsm-2pm, 8/14/93 Rig rel-8/30/93
Rsm-03/04/97(Nabors Drlg #2ES) Directional
11330 RD10830 Resumed 3/4/97 for redrill #2.
Map:AL-4

OTHER WESTERN STATES**ST. JOHNS**

Ridgeway Arizona Oil Corp "State" 10-16-31 Map:AZ
16-10N-31E, Fr SW cor 1980'N 1980'E 02-001-20311
8-5/8c.875 S-04/07/97(Aztec Well Service) (NPW)
State Lease 13-101-540 elev:7246'GR 2400'-est.td
1350 Drilled. Temporarily abandoned 4/17/97.

Ridgeway Arizona Oil Corp "State" 10-26-29 Map:AZ
26-10N-29E, Fr SW cor 1206'E 2260'N 02-001-20315
8-5/8c.1100 S-04/18/97(Aztec Well Service) (NPW)
State Lease #13-101-533 elev:6932.5'GR
2300'-est.td
1100 Cmtd 8-5/8" csg at 1100'.

STATE OF NEVADA**NYE COUNTY****GHOST RANCH**

Eagle Springs Prod LLC "Ghost Ranch Federal" 47-35
35-9N-57E, Fr SW cor 1052'N 2340'E 27-023-05552
7c.4696 S-03/09/97(Caza Drlg #63) elev:4746'GR
(Federal Lease N-42341) 5000'-est.td Map:NV
4696 Completing with Colorado Well Service rig.

LATHROP WELLS

Westek Resources, Inc. "Wheeling" 1 Map:NV (NPW)
13-16S-51E, Fr NE cor 2100'S 950'W
(Federal Lease N-61369)
Filed notice of staking.

PETROLEUM INFORMATION/DWIGHTS DAILY ACTIVITY REPORT SECTION II - 04/24/97

DRILLING ACTIVITY

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO=WILDCAT OUTPOST; D=DEVELOPMENT.

■ DENOTES NEW INFORMATION ADDED THIS WEEK. LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.
● DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

899
RIDGEWAY ARIZONA OIL
10-16-31 RIDGEWAY
API 02-001-20311

16-10N-31E
NE SW
1980 FSL 1980 FWL

WILDCAT; PERMIT #899; 2400 FORT APACHE, (FR 03/17/97FM) OPER
ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7259 KB;
LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 16 MI NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.

WF

■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/08/97 2400 TD, (TD REACHED: 04/17/97); ... 2400 TD(APPROX), WOCT (LDIR 04/23/97)

COLORADO

GARFIELD COUNTY

VESSELS O&G
13-29 GIBSON GULCH UNIT
API 05-045-07143

29-6S-91W
SW SW
395 FSL 607 FWL

MAM CREEK; PERMIT #97-014; 5800 MESAVERDE, (FR 01/10/97DN) OPER
ADD: 1050 17TH ST STE 2000, DENVER, CO, 80202 PHONE (303) 825-3500;
EL: 6004 GR; LOCATION DATA: 5 1/4 MI SE SILT, CO; TO BE
VERTICALLY DRILLED.

D

■ CONTR: SST ENERGY, RIG #1; SPUD: 04/21/97, ... DRLG 3889 (LDIR 04/23/97)

SNYDER OIL
7-2 KRK
API 05-045-07158

7-7S-92W
NW NE
650 FNL 1963 FEL

MAM CREEK; PERMIT #97-151; 6170 WILLIAMS FORK, (FR 02/27/97DN)
OPER ADD: 1625 BROADWAY STE 2200, DENVER, CO, 80202 PHONE (303)
592-4643; EL: 6058 GR; LOCATION DATA: IRREG SEC; 6 MI S-SW SILT, CO;
TO BE VERTICALLY DRILLED.

D

■ CONTR: SST ENERGY, RIG #3; SPUD: 04/17/97, ... DRLG, DEPTH NOT RPTD (LDIR 04/23/97)

HUERFANO COUNTY

SANCHEZ-OBRIEN O&G
2 HARRY WILLIS
API 05-055-06143

4-29S-69W
SE NE
2100 FNL 1000 FEL

WILDCAT; PERMIT #97-239; 2500 PIERRE, (FR 04/04/97CA) OPER ADD:
5847 SAN FELIPE STE 1900, HOUSTON, TX, 77057 PHONE (713) 783-8000; EL:
7947 GR; LOCATION DATA: 1 1/4 MI NW OAKVIEW FLD(DAKOTA)ABND 1
1/2 MI SE SHEEP MOUNTAIN FLD(DAKOTA)CO2 6 1/2 MI NW LA VETA, CO; TO
BE VERTICALLY DRILLED.

WF

■ CONTR: AZTEC WELL SRVCG, RIG #433; SPUD: 04/19/97 (EST), ... DRLG 1109 (LDIR 04/23/97)

LA PLATA COUNTY

MARKWEST RESOURCES
12-1 T H 32-7
API 05-067-08082

12-32N-7W
NW NW
993 FNL 993 FWL

IGNACIO-BLANCO; PERMIT #97-172; 2860 FRUITLAND COAL, (FR
03/07/97FM) OPER ADD: 5613 DTC PKWY STE 400, ENGLEWOOD, CO, 80111
PHONE (303) 290-8700; EL: 6253 KB; LOCATION DATA: 6 1/2 MI SE
IGNACIO, CO; TO BE VERTICALLY DRILLED.

D

■ CONTR: FOUR CORNERS DRLG, RIG #4 RIG SUB:12; SPUD: 04/19/97 ... @ 2150, TRPG (LDIR 04/23/97)

SG INTERESTS I
11 S UTE
API 05-067-08066

20-32N-7W
NW SE
1413 FSL 1322 FEL

IGNACIO-BLANCO; PERMIT #96-717; 6150 MESAVERDE, (FR 10/16/96FM)
OPER ADD: SAGLE, SCHWAB & MCLEAN, BOX 2877, DURANGO, CO, 81302
PHONE (970) 258-2701; EL: 6793 KB; LOCATION DATA: 7 1/2 MI S
IGNACIO, CO; TO BE VERTICALLY DRILLED.

D

■ CONTR: FOUR CORNERS DRLG, RIG #4 RIG SUB:12; SPUD: 12/20/96 CSG: 9 5/8 @ 276 W/290 SX: 6252 TD, (TD REACHED: 01/01/97); ... 6252 TD, TSTG (LDIR 04/23/97)

WASHINGTON COUNTY

ST CROIX OPERATING
31-1 CLANEY
API 05-121-10580

31-2S-52W
SE SE
600 FSL 600 FEL

WILDCAT; PERMIT #97-222; 4585 J SAND, (FR 03/31/97DN) OPER ADD:
600 17TH ST STE 2620 S, DENVER, CO, 80202 PHONE (303) 892-5635; EL:
4828 GR; LOCATION DATA: 1 MI W-NW HARRISBURG FLD(J SAND)TA 6 MI
N ANTON, CO; TO BE VERTICALLY DRILLED.

WF

■ CONTR: ASHBY DRLG, RIG #1; SPUD: 04/23/97 (EST), ... DRLG(DEPTH NOT RPTD) (LDIR 04/23/97)

WELD COUNTY

LYCO ENERGY
21-6 SKURICH ROTH
API 05-123-19361

6-5N-63W
NE NW
656 FNL 1901 FWL

WATTENBERG; PERMIT #97-182; 7030 CODELL, (FR 03/12/97DN) OPER
ADD: 300 E 16TH ST STE 216, GREELEY, CO, 80631 PHONE (970) 353-8055;
EL: 4811 GR; LOCATION DATA: 5 MI NE KERSEY, CO; TO BE
VERTICALLY DRILLED.

D

■ CONTR: CAZA DRLG, RIG #5; SPUD: 04/20/97, ... DRLG(DEPTH NOT RPTD) (LDIR 04/23/97)

LYCO ENERGY
13-7 SKURICH
API 05-123-19364

7-5N-63W
NW SW
2077 FSL 640 FWL

WATTENBERG; PERMIT #97-185; 7000 CODELL, (FR 03/12/97DN) OPER
ADD: 300 E 16TH ST STE 216, GREELEY, CO, 80631 PHONE (970) 353-8055;
EL: 4809 GR; LOCATION DATA: 4 MI E-NE KERSEY, CO; TO BE
VERTICALLY DRILLED.

D

■ CONTR: CAZA DRLG, RIG #5; SPUD: 04/11/97 (EST), 7000 TD, (TD REACHED: 04/18/97); ... 7000 TD(APPROX), WOCT (LDIR 04/23/97)

Apr 17 1997

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" B-23A
 31-11N-14E UM, Fr NE cor 894'S 1897'W(Surface)
 32-11N-14E UM, Fr NW cor 2209'S 858'E(BHL)
 32-11N-14E UM, Fr SE cor 3818'N 3213'W(est.BHL-RD)
 13-3/8c.2693 9-5/8c.9235 7c.10080 50-029-20779-01
 (Alaska United #2) S-8/27/82 Rig rel-9/17/82
 Rsm-04/16/97(Doyon Drlg #141) Directional
 10085 Issued permit #97-59 on 4/9/97 for redrill.
 Resumed 4/16/97 for redrill #1. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" P-24
 31-11N-13E UM, Fr SE cor 2359'N 3138'W(Surface)
 25-11N-12E UM, Fr SE cor 1946'N 2835'W(est.BHL)
 50-029-22755 S-03/27/97(Doyon Drlg #9) Map:AL-4
 Directional
 11706 Drilling.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-44L1
 35-12N-12E UM, Fr SE cor 4242'N 4502'W(Surface)
 27-12N-12E UM, Fr SE cor 747'N 4811'W(est.BHL)
 33-12N-12E UM, Fr SE cor 5093'N 993'W(est.BHL-L1)
 50-029-22735-60 S-03/02/97(Nabors Drlg #18E)
 Directional Map:AL-4
 7777 Drilling, no details.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" Z-32BL1
 19-11N-12E UM, Fr NW cor 713'S 1253'E(Surface)
 18-11N-12E UM, Fr NE cor 691'S 4355'W(BHL)
 18-11N-12E UM, Fr SW cor 3768'N 447'E(BHL-RD)
 12-11N-12E UM, Fr SE cor 1831'N 1339'W(est.BHL-RD2)
 12-11N-12E UM, Fr SE cor 181'N 2526'W(est.BHL-L1)
 20c.110 12-3/8c.2668 9-5/8W.7777 50-029-21924-62
 (Alaska United #2) S-1am,3/28/89 Rig rel-4/17/89
 (Doyon Drlg #14) Rsm-2pm,8/14/93 Rig rel-8/30/93
 Rsm-03/04/97(Nabors Drlg #28S) Directional
 11330 RD10830 Resumed 3/4/97 for redrill #2.
 Map:AL-4

OTHER WESTERN STATES

ST JOHNS

*Ridgeway Arizona Oil Corp "State" 09-22-29 Map:AZ
 22-9N-29E, Fr SW cor 1091'N 2674'E 02-001-20310
 8-5/8c.1135 4-1/2c.3180 State Lease 13-101-536
 S-9/30pm-03/30/97(Aztec Well Service) (NPW)
 elev:7178'GR 2400'-est.td
 3180 Drilled to TD. Cmtd 4-1/2" csg at 3180'.
 Released rig 4/7/97.

STATE OF ARIZONA

APACHE COUNTY

*Ridgeway Arizona Oil Corp "State" 10-16-31 Map:AZ
 16-10N-31E, Fr SW cor 1980'N 1980'E 02-001-20311
 8-5/8c.875 S-04/07/97(Aztec Well Service) (NPW)
 State Lease 13-101-540 elev:7246'GR 2400'-est.td
 1000+ Cmtd 8-5/8" csg at 875'. Drilling 7-7/8"
 hole ahead.

GHOST RANCH

Eagle Springs Prod LLC "Ghost Ranch Federal" 47-35
 35-9N-57E, Fr SW cor 1052'N 2340'E 27-023-05552
 7c.4696 S-03/09/97(Caza Drlg #63) elev:4746'GR
 (Federal Lease N-42341) 5000'-est.td Map:NV
 4696 Completing with Colorado Well Service rig.

LATHROP WELLS

*Westek Resources, Inc. "Wheeling" 1 Map:NV (NPW)
 13-16S-51E, Fr NE cor 2100'S 950'W
 (Federal Lease N-61369)
 Filed notice of staking.

SANS SPRING

Big West Oil & Gas, Inc. "Sans Spring" 5-14A Map:NV
 14-7N-56E, Fr NW cor 1700'S 450'E 27-023-05546
 S-04/02/97(Caza Drlg #63) (Federal Lease N-47646)
 elev:4708'GR 5636'-est.td
 7777 Plan to finish drilling this week and move in
 a completion rig.

*Trio Petroleum, Inc. "Federal" 86X-19 Map:NV (NPW)
 19-7N-57E, Fr SE cor 2000'N 100'W
 (Federal Lease N-55475)
 Notice of staking filed 1/28/97.

KYLE SPRING

*Evans-Barton, Ltd "Kyle Spring" 11-14 27-027-05005
 11-29N-36E, Fr SW cor 1033'N 769'E elev:4786.54'GR
 4-1/2c.2500 S-11/06/96(Humboldt Drlg) Map:NV
 Federal lease N-58388 2500'-est.td (NPW)
 2622 Released rig 11/25/96. Evaluating.

MIST

Enerfin Resources Northwest "CC" 32-27-65
 27-6N-5W, Fr NE cor 1472'S 2422'W 36-009-00322
 7c.493 S-09/14/96(Taylor Drlg Co #7) elev:860'KB
 2010 Clark/Wilson-est.td Map:OR
 2084 Temporarily abandoned 9/20/96.

PERSHING COUNTY

*Evans-Barton, Ltd "Kyle Spring" 11-14 27-027-05005
 11-29N-36E, Fr SW cor 1033'N 769'E elev:4786.54'GR
 4-1/2c.2500 S-11/06/96(Humboldt Drlg) Map:NV
 Federal lease N-58388 2500'-est.td (NPW)
 2622 Released rig 11/25/96. Evaluating.

STATE OF OREGON

COLUMBIA COUNTY

Munger Oilgram Resume

***** COMPLETIONS *****

SAN JOAQUIN VALLEY

COLINGA

STATE OF CALIFORNIA

FRESNO COUNTY

Monterey Resources, Inc. "CMS" 319R 04-019-23802
 31-19S-16E MD, Fr NE cor 303'Sly 99'Wly Map:43-5
 7c.1257 5-1/2Ld.1228-1960 elev:1226'KB Status:OIL
 S-03/07/97(Gary Drlg Co #13) 1216'-est.td
 1960 TD. Drilled. Logged. Cmtd 7" csg at 1257'.
 Ran 5-1/2" lnr 1228-1960' with slots 1269-1960'.
 Released rig 3/12/97. Int:1269-1960'

Monterey Resources, Inc. "Section Seven" 130R
 7-20S-15E MD, Fr NW cor 658'Sly 76'Ely 04-019-23803
 7c.918 5-1/2Ld.880-1418 1418'-est.td elev:904'KB
 S-03/03/97(Gary Drlg Co #13) Map:43-6 Status:OIL
 1418 TD. Drilled. Logged. Cmtd 7" csg at 918'.
 Ran 5-1/2" lnr 880-1418' with slots 928-1418'.
 Released rig 3/6/97. Int:928-1418'

**Monterey Resources, Inc. "Section Seven" 1H
 7-20S-15E MD, Fr NW cor 1318'Sly 1090'Ely(Surf)
 7-20S-15E MD, Fr NW cor 38'Sly 1090'Ely(est.BHL)
 9-5/8c.1478 6-5/8Ld.1343-2225 04-019-23791
 S-02/26/97(Gary Drlg Co #13) 1040'VD 2250'-est.td
 elev:988'KB Map:43-6 Int:1478-2225' Status:OIL
 2225 TD. Drilled. Logged. Cmtd 9-5/8" csg at
 1478'. Ran 6-5/8" lnr 1343-2225' with slots
 1473-2225'. Released rig 3/3/97. (HORIZONTAL)

KERN COUNTY

Chevron U.S.A. Inc. "1Y" 1912N 04-030-07788
 1-30S-21E MD, Fr NE cor 2706'S 866'W elev:952'DF
 10-3/4c.361 7c.1613 Map:92-2 Status:OIL
 S-04/07/97(Golden State Drlg #8)
 1620 Cmtd 10-3/4" csg at 361'. Drilled to TD.
 Logged. Took SWS. Cmtd 7" csg at 1613'. Released rig
 4/10/97.

KERN RIVER

Texaco Expl & Prod Inc. "33" 33-426 04-030-08029
 33-28S-28E MD, Fr NW cor 3293'S 424'E elev:721'mat
 7c.1061 S-04/13/97(Gary Drlg Co #17) Map:71
 1061 TD. Drilled. Logged. Cmtd 7" csg at 1061'.
 Released rig 4/14/97. Status:OIL

Texaco Expl & Prod Inc. "Revenue" 147 04-030-08004
 4-29S-28E MD, Fr NW cor 2976'S 4881'E elev:563'mat
 7c.1035 S-04/10/97(Gary Drlg Co #17) Map:71
 1035 TD. Drilled. Logged. Cmtd 7" csg at 1035'.
 Released rig 4/12/97. Status:OIL

LOST HILLS

Chevron U.S.A. Inc. "32" 4-7E 04-030-07365
 32-26S-21E MD, Fr SW cor 1539'Ely 2263'Wly Map:59-1
 9-5/8c.330 7c.2486 S-04/13/97(Kenai Drlg #8)
 elev:406'DF Status:OIL
 2495 Cmtd 9-5/8" csg at 330'. Drilled to TD.
 Logged. Took SWS. Cmtd 7" csg at 2486'. Released rig
 6/16/97

ON REPORT
PAGE 2

PETROLEUM INFORMATION/DWIGHTS ROCKY MOUNTAIN REGION REPORT
SECTION VI - 04/16/97 PAGE 3

DRILLING PROGRESS

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO= WILDCAT OUTPOST; D=DEVELOPMENT.

■ DENOTES NEW INFORMATION ADDED THIS WEEK. LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.
● DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

RIDGEWAY ARIZONA OIL 9-22-29 RIDGEWAY API 02-001-20310	22-9N-29E SW SE 1091 FSL 2674 FWL	WILDCAT; PERMIT #898; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7191 KB; LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 6 MI N SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED. WELL ID CHANGES: FTG CHGD FROM 1320 FSL 1320 FWL SPOT CHGD FROM C SW. ELEV CHGD FROM 1746 GR.	WF
■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/30/97 2400 TD, (TD REACHED: 04/ 06/97); ... 2400 TD(APPROX), WOCT (LDIR 04/08/97)			
RIDGEWAY ARIZONA OIL 9-21 RIDGEWAY STATE API 02-001-20309	21-9N-31E SW NE 1980 FNL 1980 FEL	WILDCAT; PERMIT #897; 2300 FORT APACHE, (FR 03/03/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7211 KB; LOCATION DATA: 17 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC NE 3-11N-29E 10 1/2 MI E-NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.	WF
CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/08/97 CSG: 4 1/2 @ 2680; 2680 TD, (TD REACHED: 03/ 16/97); ... 2680 TD, WOCT (LDIR 03/18/97)			
RIDGEWAY ARIZONA OIL 10-22 RIDGEWAY STATE API 02-001-20308	22-10N-30E SW SW 660 FSL 660 FWL	WILDCAT; PERMIT #896; 2300 FORT APACHE, (FR 02/18/97FM) OPER ADD: 1080-700 4TH AVE SW, CALGARY, AL, T2R -03J4 PHONE (800) 347-0294; EL: 6891 KB; LOCATION DATA: 10 MI S-SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 20 MI SE ST JOHNS, AZ; TO BE VERTICALLY DRILLED.	WF
CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 03/21/97 2300 TD, (TD REACHED: 03/ 27/97); ... 2300 TD(APPROX), WOCT (LDIR 04/02/97)			
RIDGEWAY ARIZONA OIL 10-16-31 RIDGEWAY API 02-001-20311	16-10N-31E NE SW 1980 FSL 1980 FWL	WILDCAT; PERMIT #899; 2400 FORT APACHE, (FR 03/17/97FM) OPER ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7259 KB; LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 16 MI NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.	WF
■ CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 04/08/97 ... DRLG 1354 (LDIR 04/15/97)			
RIDGEWAY ARIZONA OIL 2-1 RIDGEWAY STATE API 02-001-20305	2-11N-29E SE NW 1660 FNL 1660 FWL	UNNAMED; PERMIT #893; 2465 FORT APACHE, (FR 10/20/95FM) OPER ADD: 1080 700 4TH AVE SW, CALGARY ALB T2P 3J4, PHONE (800) 347-0294; EL: 6710 GR; LOCATION DATA: 1/2 E FORT APACHE CO2 DISC 3-11N-29E UNNAMED 8 1/2 MI SE ST JOHNS, AZ; PERMIT REISSUED: 10/20/96	WO
LOC;			
RIDGEWAY ARIZONA OIL 10-1 RIDGEWAY STATE API 02-001-20303	10-11N-29E SW NE 1660 FNL 1660 FEL	UNNAMED; PERMIT #891; 2465 FORT APACHE, (FR 10/20/95FM) OPER ADD: 1080 700 4TH AVE SW, CALGARY ALB T2P 3J4, PHONE (800) 347-0294; EL: 6654 GR; LOCATION DATA: 1/3 MI S FORT APACHE CO2 DISC SE 3-11N-29E UNNAMED 9 1/2 MI SE ST JOHNS, AZ; PERMIT REISSUED: 10/20/96	WO
CONTR: AZTEC WELL SRVCG; LOC;			
RIDGEWAY ARIZONA OIL 11-1 RIDGEWAY STATE API 02-001-20304	11-11N-29E SE NW 1775 FNL 1660 FWL	UNNAMED; PERMIT #892; 2680 FORT APACHE, (FR 10/20/95FM) OPER ADD: 1080 700 4TH AVE SW, CALGARY ALB T2P 3J4, PHONE (800) 347-0294; EL: 6824 GR; LOCATION DATA: 1/3 MI SE FORT APACHE CO2 DISC 3-11N-29E UNNAMED 10 MI SE ST JOHNS, AZ; PERMIT REISSUED: 10/20/96	WO
LOC;			
RIDGEWAY ARIZONA OIL 11-21 RIDGEWAY STATE API 02-001-20307	21-11N-30E NE SW 1980 FSL 1880 FWL	WILDCAT; PERMIT #895; 2300 FORT APACHE, (FR 02/18/97FM) OPER ADD: 1080-700 4TH AVE SW, CALGARY, AL, T2R -03J4 PHONE (800) 347-0294; EL: 6931 KB; LOCATION DATA: 4 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC 3-11N-29E 13 1/2 MI SE ST JOHNS, AZ; TO BE VERTICALLY DRILLED.	WF
CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 02/21/97 CSG: 5 5/8 @ 855, 4 1/2 @ 2410; 2410 TD, (TD REACHED: 03/ 02/97); ... 2410 TD, WOCT (LDIR 04/04/97)			
RIDGEWAY ARIZONA OIL 22-1X RIDGEWAY STATE API 02-001-20301	22-12N-29E SE NW 1363 FNL 1713 FWL	UNNAMED; PERMIT #888; 2300 FORT APACHE, (FR 08/28/95FM) OPER ADD: 1080-700 4TH AVE SW, CALGARY, AB, 00T2R-03J4 PHONE (505) 327-1376; EL: 6406 KB; LOCATION DATA: 1 MI S CO2 DISCOVERY-UNNAMED 15-12N-29E FLD 8 MI SE ST JOHNS, AZ; TO REPLACE JUNKED HOLE #1; TO BE VERTICALLY DRILLED. PERMIT REISSUED: 08/28/96 WELL ID CHANGES: WELL NAME CHGD FROM STATE. FTG CHGD FROM 1383 FNL 1723 FWL.	WO
CONTR: AZTEC WELL SRVCG, RIG #124 RIG SUB:13; SPUD: 02/11/97 CSG: 4 1/2 @ 2136; CORE # 1 (FORT APACHE) 1296-1696 NO RECOVERY.			

Ridgeway Expands Eastern Arizona Program

RIDGEWAY ARIZONA Oil Corp has scheduled three more wildcats targeting the Fort Apache limestone member of Supai (Permo-Pennsylvanian) in eastern Arizona's Apache County.

The 13-36-29 Ridgeway-State, sw ne 36-13n-29e, is a proposed 2200-ft test to be drilled about seven miles east of St. Johns. It's four and a half miles north-northeast of Ridgeway's 1 Canstar-Plateau Cattle Co, se nw 15-12n-29e, a shut-in gas discovery drilled in 1994. That 2431-ft well recovered carbon dioxide, nitrogen and helium on drillstem tests in two intervals of Supai at 1410-79 and 1680-1720 ft.

Seven miles west of the shut-in discovery—and three miles south of St. Johns—Ridgeway has staked the 12-16-28 Ridgeway-State in nw ne 16-12n-28e. The latter wildcat is projected to a depth of 2150 ft.

Ridgeway also has scheduled the 10-26-29 Ridgeway-State, nw sw 26-10n-29e, about seven miles north-northeast of Springerville. This site is

Mull Schedules Spergen Tests on Las Animas Arch

WICHITA-BASED MULL Drilling Co has staked a 5177-ft test of the Mississippian Spergen on the Las Animas Arch about nine miles north-northeast of Eads in southeastern Colorado.

The 1 UPLRC-George, ne sw 1-17s-48w, northern Kiowa County, will be drilled a little more than a mile northeast of Mull's 1-11 UPLRC-Merwin in sw ne 11-17s-48w. That 5173-ft well was completed last fall pumping 65 bbls of 41.1° oil and five bbls of water per day from Spergen at 5083-5103 ft to revive production in the abandoned Quiver field (PI 11-

27-96). It logged the top of Spergen at 5076 ft from a kelly bushing elevation of 4223 ft.

In its first four months on line (September-December 1996), the 1-11 UPLRC-Merwin produced a total of 6,042 bbls of oil and 287 bbls of water. In December, it produced an average of about 39 bbls of oil and three bbls of water daily.

Half a mile south of its 1-11 UPLRC-Merwin producer, Mull will drill a 5200-ft Spergen test in the field at the 2-11 UPLRC-Dunlap in sw se 11-17s-48w. Kudu Drilling is under contract for both Mull ventures.

10 miles south of the company's 3-1 State 13-53-801 discovery in ne se 3-11n-29e, which was completed in 1995 flowing 663,000 cu ft of carbon dioxide, nitrogen and helium per day from Fort Apache between 1536 and 1676 ft. It currently is shut in.

In recent months, Ridgeway—

with Aztec Well Service's Rig #124—under contract, has drilled five other Fort Apache tests in the area and currently is drilling the 10-16-31 Ridgeway in ne sw 16-10n-31e (PI 3-19-97). The company also has locations staked for five other Fort Apache tests in the area.

(Wyoming, from Page 1)

sand at 12,190 ft.

The wildcat is nearly two miles west of Frontier and Dakota gas/condensate production in Wilson Ranch field. There is no production from

Muddy in the vicinity.

Approximately 15 miles to the north-northwest is Petral Exploration LLC's Muddy discovery in sw se 35-23n-113w. That well, the 40-35 Fed-

eral-Pascali, flowed 2,699,000 cu ft of gas, 96 bbls of condensate and seven bbls of water daily from an untreated Muddy "C" interval perforated at 12,026-12,038 ft (PI 2-14-97).

April 10, 1997

NIKUK

BP Expl (Alaska) Inc. "Niakuk" NK-15 50-029-22745
 16-12N-15E UM, Fr SE cor 1373'N 918'W(Surface)
 14-12N-15E UM, Fr SE cor 1514'N 1801'W(est.BHL)
 S-03/05/97(Pool Arctic #7) Directional Map:AL-5
 ??? Drilling, no details.

POINT MCINTYRE

ARCO Alaska Inc. "Point McIntyre" P2-03 Directional
 11-12N-14E UM, Fr SW cor 47'N 1004'E(Surface)
 10-12N-14E UM, Fr SE cor 2777'N 1264'W(est.BHL)
 50-029-22749 S-03/24/97(Doyon Drlg #14) Map:AL-4
 ??? Drilled, no details. Released rig 4/7/97.

ARCO Alaska Inc. "Point McIntyre" P2-13 Directional
 14-12N-14E UM, Fr SE cor 5269'N 4138'W(Surface)
 2-12N-14E UM, Fr SE cor 1753'N 2458'W(est.BHL)
 50-029-22757 S-04/08/97(Doyon Drlg #14) Map:AL-4
 6003 Issued permit #97-60 on 4/4/97. Drilling ahead.

PRUDHOE BAY

ARCO Alaska Inc. "Prudhoe Bay Unit" 02-39 Map:AL-4
 16-11N-14E UM, Fr SE cor 4512'N 3563'W(Surface)
 25-11N-14E UM, Fr SE cor 4111'N 188'W(BHL)
 7c.???? 50-029-22721 Directional
 S-12/07/96(Nabors Drlg #2ES) Status:OIL-01/03/97
 12450 Completed oil well 1/3/97.

ARCO Alaska Inc. "Prudhoe Bay Unit" 03-16A Map:AL-4
 10-10N-15E UM, Fr SE cor 1249'N 78'W(Surface)
 9-10N-15E UM, Fr SE cor 383'N 2299'W(BHL)
 9-10N-15E UM, Fr NE cor 2639'S 1944'W(est.BHL-RD)
 20c.90 13-3/8c.2725 9-5/8c.11830 7Ld.13065
 50-029-20415-01 Rsm-03/30/97(Nabors Drlg #3S)
 (Rowan Drlg #35) S-2/24/80 Rig rel-3/31/80
 Directional
 13070 Fg12983 Resumed 3/30/97 for redrill #1 as an injector.

ARCO Alaska Inc. "Prudhoe Bay Unit" 17-19A Map:AL-5
 22-10N-15E UM, Fr NW cor 2534'S 4288'E(Surface)
 21-10N-15E UM, Fr NW cor 2872'S 2236'E(BHL)
 20-10N-15E UM, Fr SE cor 4142'N 205'W(est.BHL-RD)
 20c.110 10-3/4c.3845 7-5/8c.10406 Directional
 50-029-22297-01 Rsm-03/27/97(Doyon Drlg #16)
 (Nabors Drlg #18E) S-10/30am,10/20/92 Rel-11/4/92
 10415 Fg10322 Redrilling at 10058'.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" B-12A
 11-11N-14E UM, Fr NE cor 1850'S 1609'W(Surface)
 11-11N-14E UM, Fr NE cor 3458'S 726'W(BHL)
 11-11N-14E UM, Fr SE cor 1299'N 332'W(est.BHL-RD)
 13-3/8c.2677 9-5/8c.8618 7c.9505 50-029-20332-01
 (Brinkerhoff Drlg #36) S-11/20/78 Rig rel-12/7/78
 Rsm-03/26/97(Doyon Drlg #141) Directional
 9720 Redrilled. Deepened from 9515' to TD.
 Logging. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" E-13A
 6-11N-14E UM, Fr NE cor 683'S 500'W(Surface)
 1-11N-13E UM, Fr SE cor 2068'N 713'W(BHL)
 1-11N-13E UM, Fr SE cor 2128'N 2050'W(BHL-RD)
 13-3/8c.2675 9-5/8c.???? 7c.???? 50-029-20783-01
 (Unknown contractor drld in Jan.1997) Directional
 (PN #1) S-5/10/82 Rig rel-5/30/82 Map:AL-4
 12742 TVD8951 Redrilled, no details. Recompleted
 oil well 1/21/97. Status:OIL-01/21/97

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" F-13A
 2-11N-13E UM, Fr NE cor 1987'S 2846'W(Surface)
 2-11N-13E UM, Fr NE cor 1225'S 2948'W(BHL)
 2-11N-13E UM, Fr NE cor 2261'S 2182'W(BHL-RD)
 13-3/8c.2670 9-5/8c.???? 7c.???? 50-029-20434-01
 (Nabors Drlg #22E) S-2/5/80 Rig rel-2/28/80
 (Unknown contractor drld in Dec.1996) Directional
 10320 TVD8947 Redrilled. Deepened from 9385'.
 Recompleted oil well 12/3/96. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" P-16A
 2-11N-13E UM, Fr SE cor 2106'N 2199'W(Surface)
 2-11N-13E UM, Fr SE cor 232'N 2360'W(BHL)
 11-11N-13E UM, Fr NE cor 481'S 3829'W(BHL-RD)
 13-3/8c.2660 9-5/8c.???? 7c.???? 50-029-20661-01
 (Brinkerhoff PNV #1) S-12/8/81 Rig rel-12/27/81
 (Unknown contractor drld in Nov.1996) Directional
 10984 TVD8974 Redrilled. Deepened from 9672'.
 Recompleted oil well 11/20/96. Map:AL-4

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" K-07B
 4-11N-14E UM, Fr NW cor 2041'S 473'E(Surface)
 13-12N-14E UM, Fr SW cor 1424'N 2332'E(BHL)
 13-12N-14E UM, Fr NW cor 4186'S 1567'E(est.BHL-RD)
 13-12N-14E UM, Fr NW cor 3993'S 2701'E(est.BHL-RD2)
 13-3/8c.2709 9-5/8c.???? 7c.???? 50-029-21045-02
 (Alaska United #3) S-11/19/83 Rig rel-12/4/83
 Directional Map:AL-4
 10257 RD???? Issued permit #97-61 on 4/4/97 for
 redrill #2.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" P-24
 11-11N-13E UM, Fr SE cor 2359'N 3138'W(Surface)
 25-11N-12E UM, Fr SE cor 1946'N 2835'W(est.BHL)
 50-029-22755 S-03/27/97(Doyon Drlg #9) Map:AL-4
 Directional
 10831 Drilling.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" S-44L1
 35-12N-12E UM, Fr SE cor 4242'N 4502'W(Surface)
 27-12N-12E UM, Fr SE cor 747'N 4811'W(est.BHL)
 33-12N-12E UM, Fr SE cor 5093'N 993'W(est.BHL-L1)
 50-029-22735-60 S-03/02/97(Nabors Drlg #18E)
 Directional Map:AL-4
 ??? Drilling, no details.

BP Expl (Alaska) Inc. "Prudhoe Bay Unit" Z-32BL1
 19-11N-12E UM, Fr NW cor 713'S 1253'E(Surface)
 18-11N-12E UM, Fr NE cor 691'S 4355'W(BHL)
 18-11N-12E UM, Fr SW cor 3768'N 447'E(BHL-RD)
 12-11N-12E UM, Fr SE cor 1831'N 1339'W(est.BHL-RD2)
 12-11N-12E UM, Fr SE cor 181'N 2526'W(est.BHL-L1)
 20c.110 13-3/8c.2668 9-5/8c.???? 50-029-21924-62
 (Alaska United #2) S-1am,3/28/89 Rig rel-4/17/89
 (Doyon Drlg #14) Rsm-2pm,8/14/93 Rig rel-8/30/93
 Rsm-03/04/97(Nabors Drlg #2ES) Directional
 11330 RD10830 Resumed 3/4/97 for redrill #2.
 Map:AL-4

OTHER WESTERN STATES

STATE OF ARIZONA
APACHE COUNTY
 *Ridgeway Arizona Oil Corp "State" 09-22-29 Map:AZ
 22-9N-29E, Fr SW cor 1091'N 2674'E 02-001-20310
 8-5/8c.1135 4-1/2c.2400aprx State Lease 13-101-536
 S-9:30pm-03/30/97(Aztec Well Service) (NPW)
 elev:7178'GR 2400'-est.td
 2400aprx Drilled to TD. Ran csg. Released rig
 4/7/97.

*Ridgeway Arizona Oil Corp "State" 10-16-31 Map:AZ
 16-10N-31E, Fr SW cor 1980'N 1980'E 02-001-20311
 S-04/07/97(Aztec Well Service) elev:7246'GR
 State Lease 13-101-540 2400'-est.td (NPW)
 500+ Drilling.

*Ridgeway Arizona Oil Corp "State" 10-22 Map:AZ
 22-10N-30E, Fr SW cor 660'N 660'E 02-001-20308
 8-5/8c.743 4-1/2c.2265 State Lease 13-100-215
 S-03/19/97(Aztec Well Service) elev:6878'GR
 2300'-est.td (NPW)
 2265 TD. Drilled. CO2 was identified throughout
 the reservoir. Cmted 4-1/2' csg at 2265'. Released
 rig 3/30/97. Evaluating logs and cores.

*Ridgeway Arizona Oil Corp "State" 10-26-29 Map:AZ
 26-10N-29E, Fr SW cor 1206'E 2260'N 02-001-20315
 State Lease #13-101-533 (Aztec Well Service)
 elev:6932.5'GR 2300'-est.td (NPW)
 Issued permit #903 on 4/8/97.

*Ridgeway Arizona Oil Corp "State" 12-16-28 Map:AZ
 16-12N-28E, Fr NE cor 1215'S 1991'W 02-001-20314
 State Lease #13-101-344 (Aztec Well Service)
 elev:5988'GR 2150'-est.td (NPW)
 Issued permit #902 on 4/8/97.

*Ridgeway Arizona Oil Corp "State" 13-36-29 Map:AZ
 36-13N-29E, Fr NE cor 1356'S 1726'W 02-001-20313
 State Lease #13-101-554 (Aztec Well Service)
 elev:6167'GR 2200'-est.td (NPW)
 Issued permit #901 on 4/8/97.

STATE OF NEVADA
CLARK COUNTY
GEOST RANCH
 Eagle Springs Prod LLC "Ghost Ranch Federal" 47-35
 35-9N-57E, Fr SW cor 1052'N 2340'E 27-023-05552
 7c.4696 S-03/09/97(Caza Drlg #63) elev:4746'GR
 (Federal Lease N-42341) 5000'-est.td Map:NV
 4696 Moved in Colorado Well Service for
 completion.

SANS SPRING
 Big West Oil & Gas, Inc. "Sans Spring" 5-14A Map:NV
 14-7N-56E, Fr NW cor 1700'S 450'E 27-023-05546
 S-04/02/97(Caza Drlg #3) (Federal Lease N-47646)
 elev:4708'GR 5636'-est.td
 ??? Drilling, "no dope" hole.
 *Trio Petroleum, Inc. "Federal" 86X-19 Map:NV (NPW)
 19-7N-57E, Fr SE cor 2000'N 100'W
 (Federal Lease N-55475)
 Notice of staking filed 1/28/97.

KYLE SPRING
PERSHING COUNTY
 *Evans-Barton, Ltd "Kyle Spring" 11-14 27-027-05005
 11-29N-36E, Fr SW cor 1033'N 769'E elev:4786.54'GR
 4-1/2c.2500 S-11/06/96(Humboldt Drlg) Map:NV
 Federal lease N-58388 2500'-est.td (NPW)
 2622 Released rig 11/25/96. Evaluating.

STATE OF OREGON
COLUMBIA COUNTY
MIST
 Enerfin Resources Northwest "CC" 32-27-65
 27-6N-5W, Fr NE cor 1472'S 2422'W 36-009-00322
 7c.493 S-09/14/96(Taylor Drlg Co #7) elev:860'KB
 2010 Clark/Wilson-est.td Map:OR
 2084 Temporarily abandoned 9/20/96.

Work Under Way at Horizontal Nugget Redrill in Anschutz Ranch East Field

CAZA DRILLING's Rig #76 is being rigged up to redrill a horizontal Nugget test for Amoco Production Co in Anschutz Ranch East field on the northeastern Utah salient of the Overthrust Belt about 15 miles southwest of Evans-ton, Wyoming.

The 29-04ST1 Anschutz Ranch East, nw nw 29-4n-8e, northwestern Summit County, is to be drilled southwestward to a total measured depth of 16,150 ft at a projected bottom hole location in se se 30-4n-8e (PI 2-10-97). The projected total horizontal displacement is nearly 4000 ft.

Originally completed in 1981 as the 1 Champlin 458 Amoco D, the well has produced more than 17.4 billion cu ft of gas, one million bbls of condensate and 32,900 bbls of water from Nugget at 12,056-12,637 ft. In November, the 13,750-ft well produced an average of about 2,970,000

Ridgeway Adds to Apache County Arizona Program

file 899

RIDGEWAY ARIZONA Oil Corp., the U.S. subsidiary of Calgary independent Ridgeway Petroleum Corp., has scheduled three more 2400-ft wildcats in eastern Arizona's Apache County.

They are the 9-22-29 Ridgeway, csw 22-9n-29e; 10-16-31 Ridgeway, ne sw 16-10n-31e; and 12-15-30 Ridgeway in nesw 15-12n-30e. Aztec Well Service is under contract for the ventures, all of which will evaluate the Fort Apache limestone member of Supai (Permo-Pennsylvanian).

The 10-16-31 and 9-22-29 wildcats are 13 miles southeast and 15 miles south, respectively, of Ridgeway's 3-1 State 13-53-801 discovery in ne se 3-1 1n-29e, which was com-

pleted in 1995 flowing 663,000 cu ft of carbon dioxide, nitrogen and helium per day from Fort Apache between 1536 and 1676 ft. It currently is shut in.

The 12-15-30 wildcat is six miles east of Ridgeway's 1 Canstar-Plateau Cattle Co discovery in se nw 15-12n-29e, a shut-in carbon dioxide/nitrogen/helium discovery completed in 1994.

Ridgeway's gas play is an area 45-70 miles south-southeast of the Pinta Dome-Navajo Springs area, which has produced nonflammable, helium-bearing gas. The company recently staked location for a 2300-ft Fort Apache test at the 9-21 Ridgeway-State in sw ne 21-9n-31e (PI 3-5-97).

cu ft of gas and four bbls of water daily.

The nearest horizontal Nugget producer is 19 miles to the northeast, at a Painter Reservoir field well operated by Chevron USA Inc in south-

western Wyoming's Uinta County. Thirty miles to the northeast, Amoco has produced from Nugget at a horizontal well completed in 1987 in Wyoming's Ryckman Creek field.

(Brennan Bottom, from Page 1)

6976 ft. Log tops at the 7125-ft well, measured from a kelly bushing elevation of 4811 ft, include Green River at 3346 ft and Wasatch at 7050 ft.

Half a mile to the west, Chevron's 14 Brennan-Federal, nw nw 18-7s-21e, was completed on pump producing 72 bbls of 32° oil, 10,000 cu ft of gas and 15 bbls of water daily from a treated Green River interval at 6782-

7263 ft. Total depth is 7455 ft.

About a mile south of the 12 Brennan-Federal, Chevron completed the 10 Brennan-Federal, nw ne 19-7s-21e, in Green River between 6725 and 6860 ft. The 7005-ft well pumped 80 bbls of 32° oil, 11,000 cu ft of gas and 107 bbls of water per day.

Since its discovery in 1954, Brennan Bottom field has produced

more than 1.3 million bbls of oil, 1.7 billion cu ft of gas and 144,600 bbls of water. In November, the field's eight active wells combined to produce an average of about 90 bbls of oil, 202,000 cu ft of gas and 75 bbls of water daily.

Chevron has plans for at least two other Brennan Bottom field development tests.

PETROLEUM INFORMATION/DWIGHTS ROCKY MOUNTAIN REGION REPORT SECTION VI - 03/19/97 PAGE 1

FIRST REPORT SUMMARY

INITIAL CLASS: WF=NEW FIELD WILDCAT; WD=DEEPER POOL WILDCAT; WS=SHALLOWER POOL WILDCAT; WP=NEW POOL WILDCAT; WO=WILDCAT OUTPOST; D=DEVELOPMENT.

■ DENOTES NEW INFORMATION ADDED THIS WEEK. LDIR - LAST DATE INFORMATION REPORTED OR CONFIRMED.
● DENOTES A FINAL STATUS HAS BEEN ADDED TO THE WELL.

ARIZONA

APACHE COUNTY

RIDGEWAY ARIZONA OIL 22-9N-29E
9-22-29 RIDGEWAY C SW
API 02-001-20310 1320 FSL 1320 FWL

CONTR: AZTEC WELL SRVCG; LOC;

899 RIDGEWAY ARIZONA OIL 16-10N-31E
10-16-31 RIDGEWAY NE SW
API 02-001-20311 1980 FSL 1980 FWL

CONTR: AZTEC WELL SRVCG; LOC;

RIDGEWAY ARIZONA OIL 15-12N-30E
12-15-30 RIDGEWAY NE SW
API 02-001-20312 1980 FSL 1980 FWL

CONTR: AZTEC WELL SRVCG; LOC;

WILDCAT; PERMIT #898; 2400 FORT APACHE, (FR 03/17/97FM) OPER
ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7146 GR;
LOCATION DATA: 15 MI S UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 6 MI N SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.

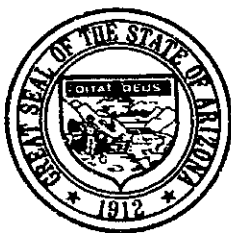
WF

WILDCAT; PERMIT #899; 2400 FORT APACHE, (FR 03/17/97FM) OPER
ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 7246 GR;
LOCATION DATA: 13 MI SE UNNAMED FLD(FORT APACHE)CO2 DISC
3-11N-29E 16 MI NE SPRINGVILLE, AZ; TO BE VERTICALLY DRILLED.

WF

WILDCAT; PERMIT #900; 2400 FORT APACHE, (FR 03/17/97FM) OPER
ADD: BOX 1110, ST JOHNS, AZ, 85936 PHONE (800) 347-0294; EL: 6712 GR;
LOCATION DATA: 5 MI E UNNAMED FLD(FORT APACHE)CO2 GAS DISC
15-12N-29E 10 1/2 MI E-SE ST JOHNS, AZ; TO BE VERTICALLY DRILLED.

WF



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

March 13, 1997

Mr. Clarence Bigelow
Manager, Apache County
P.O. Box 428
St. Johns, AZ 85936

Re: Ridgeway #9-22-29 State, Sec. 22-9N-29E, Apache Co., Permit #898
Ridgeway #10-16-31 State, Sec. 16-10N-31E, Apache Co., Permit #899
Ridgeway #12-15-30 State, Sec. 15-12N-30E, Apache Co., Permit #900

Dear Mr. Bigelow:

A copy of the approved drilling applications for the referenced wells are enclosed for your information in accordance with the **Arizona Oil and Gas Conservation Commission's** policy to keep County Governments informed about proposed oil and gas drilling efforts in their counties.

The **Commission** issues its Permit to Drill pursuant to A.R.S. § 27-516. Applications are approved after it is determined that the well is in compliance with applicable law and rules and that public health and safety, correlative rights, and subsurface resources are not compromised.

Please advise if we may be of further assistance.

Sincerely,

Steven L. Rauzi
Oil and Gas Program Administrator

Enclosures

c Oil & Gas Commissioners



Fife Symington
Governor

State of Arizona
Arizona Geological Survey

416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500



Larry D. Fellows
Director and State Geologist

March 13, 1997

Mr. Don Riggs
Ridgeway Arizona Oil Corporation
P.O. Box 1110
St. Johns, Arizona 85936

Re: Ridgeway #9-22-29 State, Sec. 22-9N-29E, Apache County, Permit #898
Ridgeway #10-16-31 State, Sec. 16-10N-31E, Apache County, Permit #899
Ridgeway #12-15-30 State, Sec. 15-12N-30E, Apache County, Permit #900

Dear Mr. Riggs:

An approved application to drill the referenced wells; Permits #898, 899, and 900; and filing fee receipts #3096, #3097, and #3098 are enclosed. *A copy of the Permit to Drill must be posted in a conspicuous place at the well site.*

These permits are issued on the condition that you conduct operations in compliance with all applicable rules and substantially as outlined in the drilling prognosis submitted with the application to drill, and that you *notify me at least 24 hours* before you:

- 1) Commence drilling operations;
- 2) Run and cement surface casing; and
- 3) Nipple up and test the BOPE prior to drilling out of the surface casing.

Sincerely,

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

MEMORANDUM TO FILE

DATE: March 11, 1997

FROM: Steven L. Rauzi ^{SLR}
Oil and Gas Program Administrator

SUBJECT: Known and reasonably estimated freshwater aquifers in vicinity of
three proposed Ridgeway Arizona Corp wells located in:

ne sw 15-12n-30e, Apache County (1980' fsl & 1980' fwl), permit 900
ne sw 16-10n-31e, Apache County (1980' fsl & 1980' fwl), permit 899
c sw 22-09n-29e, Apache County (1320' fsl & 1320' fwl), permit 898

Rick Herther, Basic Data Section, Arizona Department of Water Resources, reported this date that no water wells are registered in the three referenced sections. He provided the following information about 9 water wells that are registered in the general vicinity of the proposed wells. These are:

sw nw se 08-12n-30e, drilled 1930; 4", 185' deep; water @ 160' (Plateau Partnership)
c 12-12n-30e, drilled 1963; 9", 530' deep; water @ 410'; 10 gpm (E. Platt)
ne 27-12n-30e, drilled 1951; 7", 650' deep; water @ 610'; 10 gpm (Earl Platt)
ne se ne 27-12n-30e, drilled 1983; 8", 790' deep; water @ 612', 10 gpm (Earl Platt)
se nw se 21-10n-31e, drilled 1948; 6", 954' deep; water @ 900', 6 gpm (ASLD)
21-10n-31e, drilled 1984, 6", 280' deep; water @ 180', 8 gpm (H Wiltbank)
sw sw sw 21-09n-29e, drilled 1984, 10' deep (ASLD)
sw sw nw 21-09n-29e, drld 1991, 5", 210' deep, wtr @ 195', 35 gpm (Springerville)
sw ne sw 21-09n-29e, drilled 1984, 6", 80' deep; water @ 8', 3 gpm, (ASLD?)

The deeper wells are probably producing from the Permian Coconino Sandstone. The shallow wells are probably producing from surface alluvium or possibly basalt flows. The operator's proposal to set 8 5/8" surface casing well into the top of the Permian Supai will be sufficient to protect the surface waters and all other reasonably estimated aquifers in the vicinity of the proposed wells.

FROM : RIDGEWAY AZ OIL CORP
SENT BY: CSWTA, INC. XT 7021

PHONE NO. : 5203373162
: 3-12-97 : 3:53PM :

12022834334-

Mar. 13 1997 08:24AM P2
5203373132:4 2

CONSULTANTS REPORT #CSWTA-ARCH-9703

CULTURAL RESOURCE INVENTORY

**RIDGEWAY STATE 9-22, 10-16 AND 12-15
WELL LOCATIONS AND ACCESS ROADS FOR
RIDGEWAY ARIZONA OIL CORPORATION
APACHE COUNTY, ARIZONA**

PREPARED BY

**B. MILES GILBERT
CSWTA, INC.
ENVIRONMENTAL/ARCHAEOLOGICAL CONSULTANTS
POST OFFICE BOX 790
TUBA CITY, ARIZONA 86045**

PREPARED FOR

**DON RIGGS
RIDGEWAY ARIZONA OIL CORPORATION
POST OFFICE BOX 1110
ST. JOHNS, ARIZONA 85936**

SUBMITTED TO

**ARIZONA STATE LAND DEPARTMENT
1616 WEST ADAMS
PHOENIX, ARIZONA 85007**

PERMITS

ARIZONA STATE PERMIT NO. 1997-4561

FEBRUARY 28, 1997

FROM : RIDGEWAY AZ OIL CORP

SENT BY:CSWTA, INC. XT 7021

PHONE NO. : 5203373162

: 3-12-97 : 5:55PM :

15522534904+

Mar. 13 1997 08:24AM P3

5203373162:4 3

ABSTRACT

A Cultural Resource Inventory was undertaken on three proposed CO₂ well locations and 2.85 miles of access road on State of Arizona Trust lands north and east of Springerville, and east of St. Johns, Apache County, Arizona on February 21, 1997. The inventory was performed by B. Miles Gilbert, Staff Archaeologist for CSWTA, Inc. of Tuba City, Arizona at the request of Don Riggs, Vice President of Operations for Ridgeway Arizona Oil Corporation. The fieldwork was conducted under the authority of Arizona Permit No. 1997-45bl issued to CSWTA, Inc.

A 225 foot by 225 foot area (1.16 acres) was inventoried for each well pad for a total of 3.48 acres. A 50 feet wide corridor on each side (100 feet total) of the access roads was surveyed. No cultural resources were inventoried.

Cultural Resource clearance is recommended.

INTRODUCTION

A Class III cultural resource inventory was undertaken for three proposed CO₂ well locations on State Trust lands north and east of Springerville, and east of St. Johns, Arizona. Figure 1 shows the well sites in relation to Springerville and St. Johns. Figures 2-4 show the locations on the appropriate USGS topographic map. The inventory was undertaken for Ridgeway Arizona Oil Corporation at the request of Don Riggs, Vice President of Operations. The inventory was conducted by B. Miles Gilbert, Staff Archaeologist for CSWTA, Inc. under authority of Arizona State Permit No. 1997-45bl.

PROJECT LOCATION AND DESCRIPTION

Well 12-15 is located approximately 11 miles east of St. Johns on the Salt Lake road in Section 15, TWP 12N, R30E, just .25 mile south of that county road in sparse grasslands dotted with junipers (*Juniperous osteosperma*) and piñon pine (*Pinus edulis*) at an elevation of 6730 feet above mean sea level (amsl). The map reference for this project is the Mesa Parada NW, USGS Quadrangle, 7.5 minute series, Apache County, Arizona. Only .25 mile of access road survey was required at this location.

Well 10-16 is located six miles east of Springerville and 10.5 miles north of U. S. Highway 50 in Section 16, TWP 10N, R31E at an elevation of 7,240 feet amsl in very short grasslands sparsely dotted with stunted junipers. The map reference for this project is The Rincon, USGS Quadrangle, 7.5 minute series, Arizona-New Mexico. An access road measuring 1.8 miles was surveyed in conjunction with this well site.

Well 9-22 is located approximately two miles northeast of Springerville in Section 22, TWP 9N, R29E on the southwest edge of the Coyote Hills shield volcano at an elevation of 7,180 feet amsl. Local vegetation is restricted to very short grass. The map reference for this location is the Springerville, USGS Quadrangle, 7.5 minute series, Apache County, Arizona. An access road

measuring .8 mile was surveyed in conjunction with this proposed well site.

SURVEY METHODS AND PREVIOUS RESEARCH

A record search at the Arizona State Museum indicated that no sites had been recorded within 1/2 mile of the project areas. However, Marmaduke (1984) conducted a cultural resources survey for Shell Western within one km of Well 9-22 with the result that no cultural resources were inventoried. Danson and Molde (1950) reported Casa Malpais, a major proto Zuni ceremonial site located approximately 1.5 miles west of Well 9-22. Westfall (1981) reported four historic, post 1950 trash scatters and one prehistoric site not considered to be register eligible, along the TEP coal railroad connecting the SRP and TEP plants several miles north of Well 10-16.

The well sites and access roads had been completely staked by Shreeve and Associates of St. Johns, Arizona prior to conducting the survey. The drill holes had been marked with a dayglo orange lath, and the access routes were flagged with tape streamers.

A 225 by 225 foot (1.16 acres) area at the well locations were inventoried by B. Miles Gilbert. Inventory was accomplished by walking subparallel transects spaced 10 meters apart, using a magnetic compass to set a course. The access routes, were surveyed by walking up one side and down the other, 12-15 meters from the edge of the existing two tracks dirt road.

INVENTORY RESULTS AND RECOMMENDATIONS

The cultural resources inventory of 3.48 acres for proposed CO, well locations and 2.85 miles of access roads resulted in the location of no sites. Cultural Resource Clearance is recommended for Ridgeway Well 9-22, 10-16 and 12-15.

REFERENCES

- Danson, Edward and Harold Molde 1950. Casa Malpais, a fortified pueblo site at Springerville, AZ. Plateau 22(4):61-67.
- Marmaduke, William 1984. An archaeological survey of six mineral exploration locations in Apache County, AZ. ASM survey 1984-066.
- Westfall, Deborah A. 1981. Prehistory of the St. Johns Area, East-Central Arizona: The TEP Project. Cultural Resource Management Division, Arizona State Museum. The University of Arizona Archaeological Series No. 153, Tucson.

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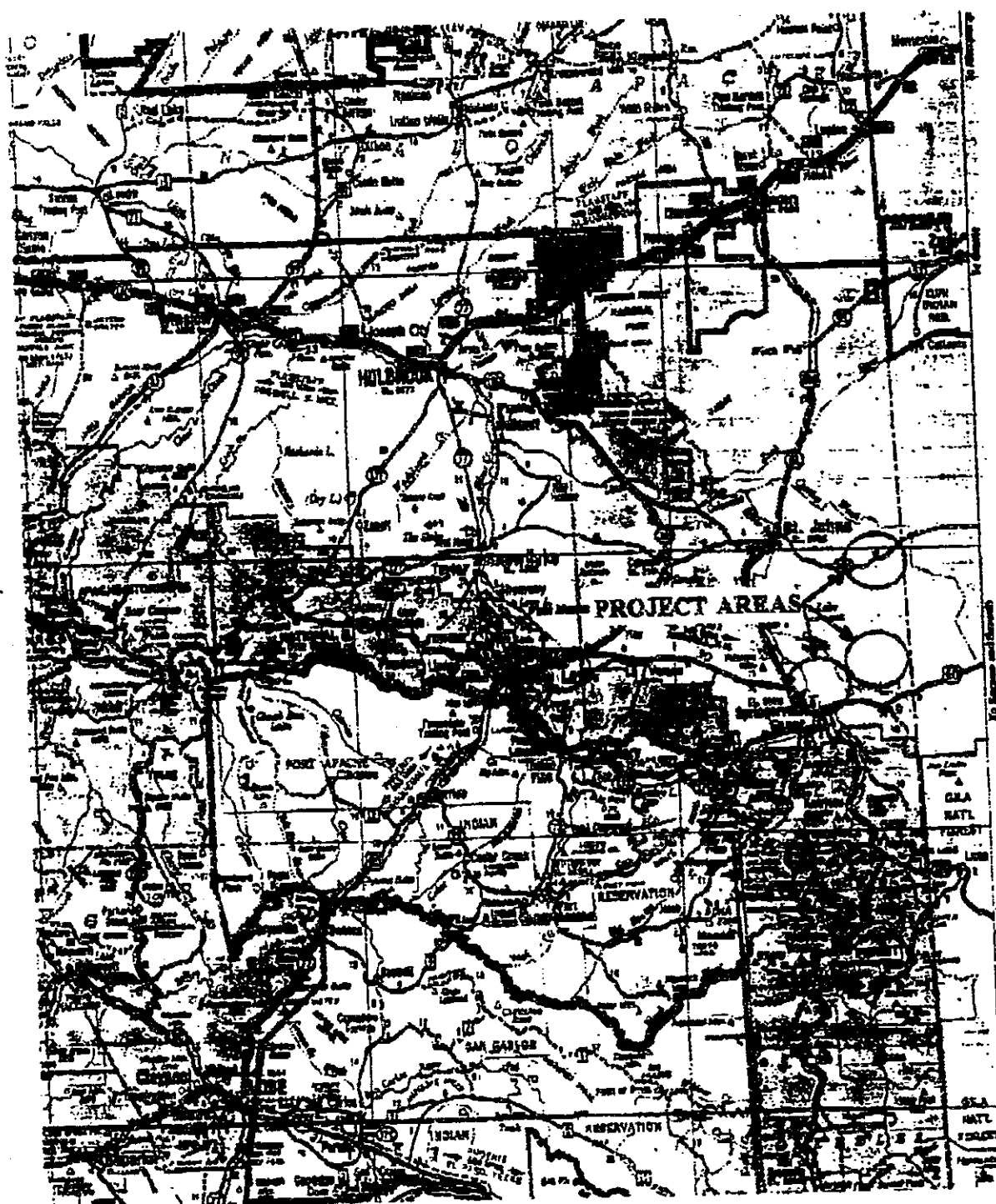


Figure 1. Project location map, eastern Arizona.

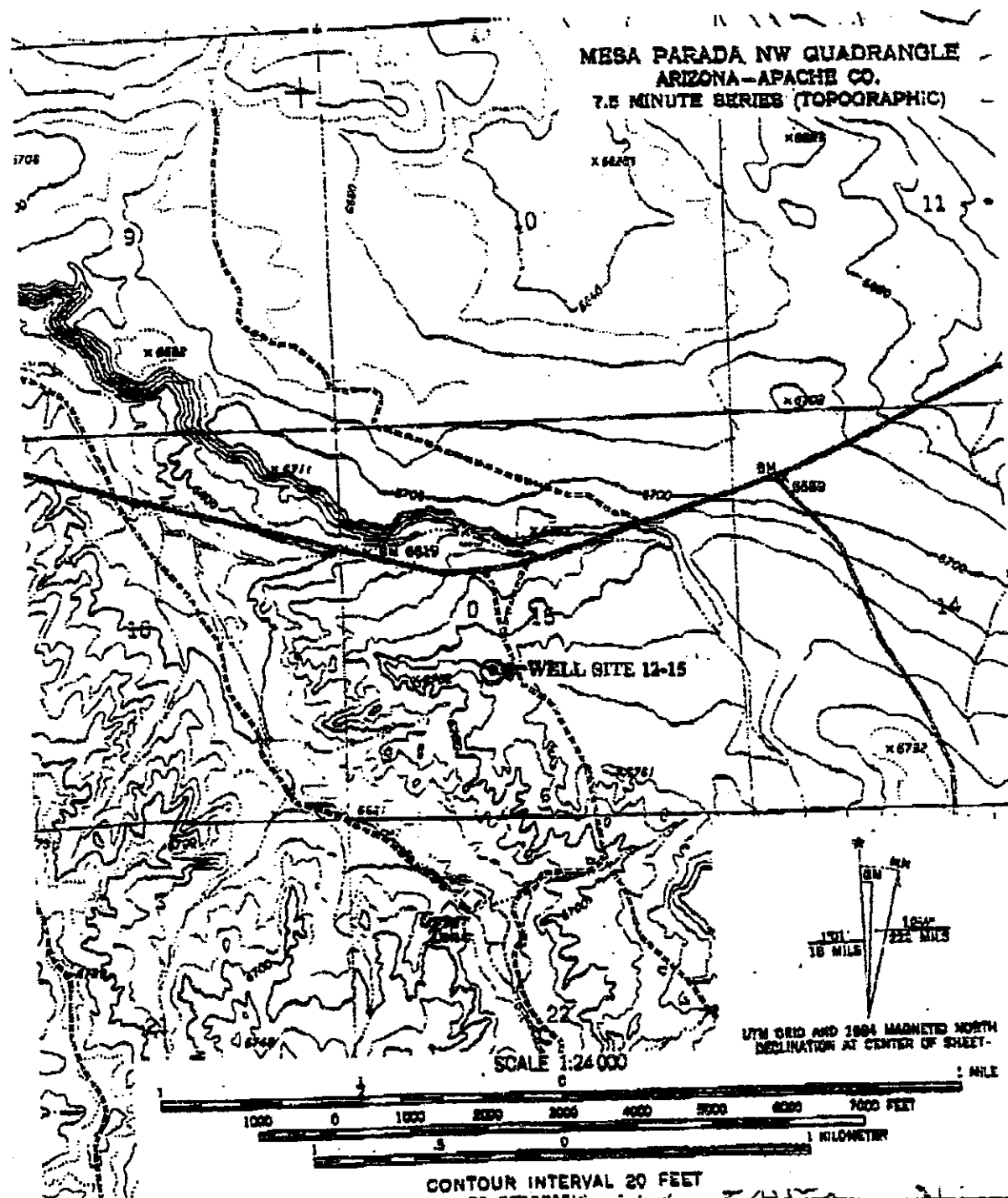


Figure 2. Proposed CO, Well 12-15 and access road plotted on USGS Mesa Parada NW Quadrangle, 7.5 minute series, Apache County, Arizona.

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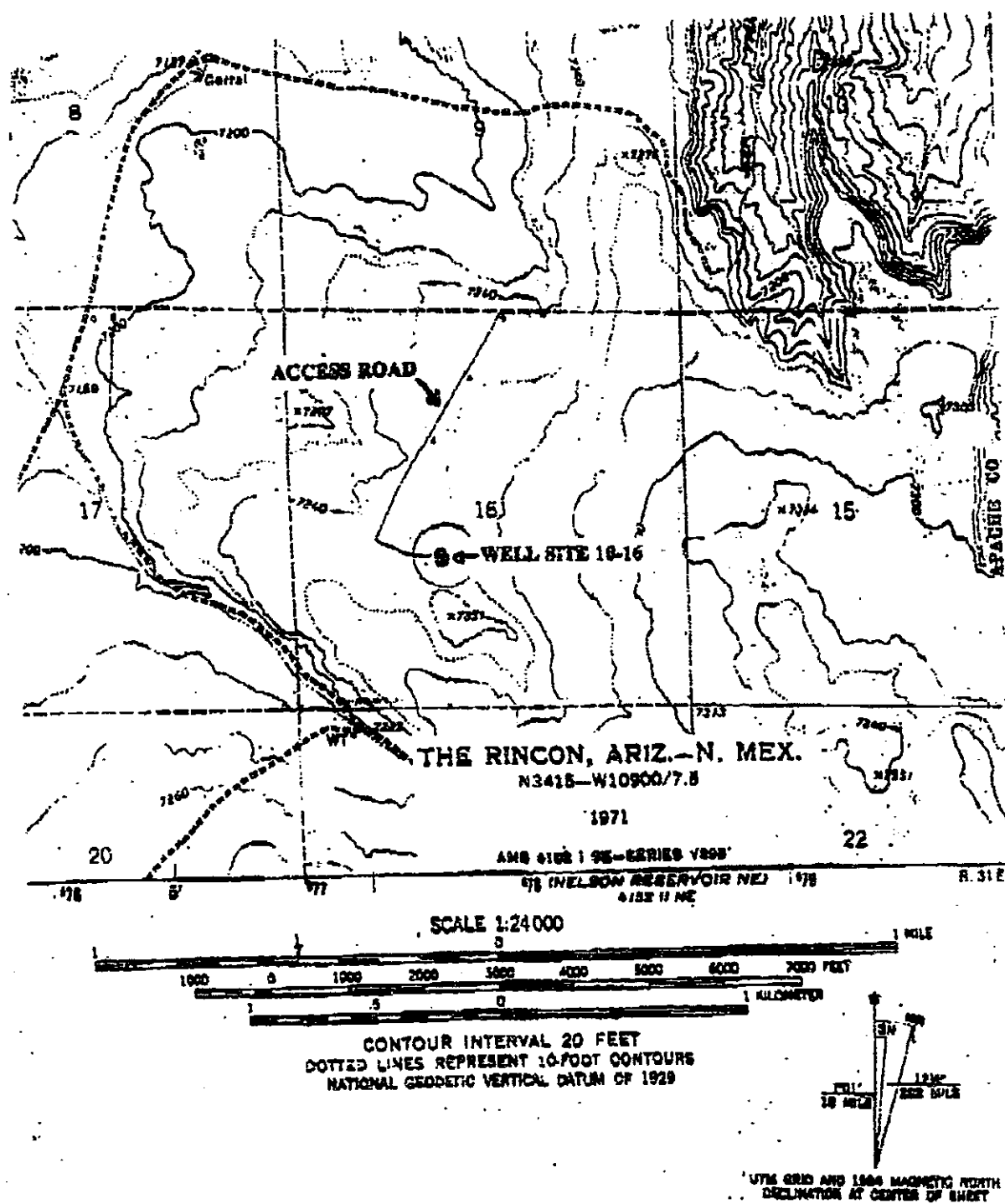


Figure 3. Proposed CO Well 10-16 and access road plotted on USGS The Rincon Quadrangle, 7.5 minute series, Arizona-New Mexico.

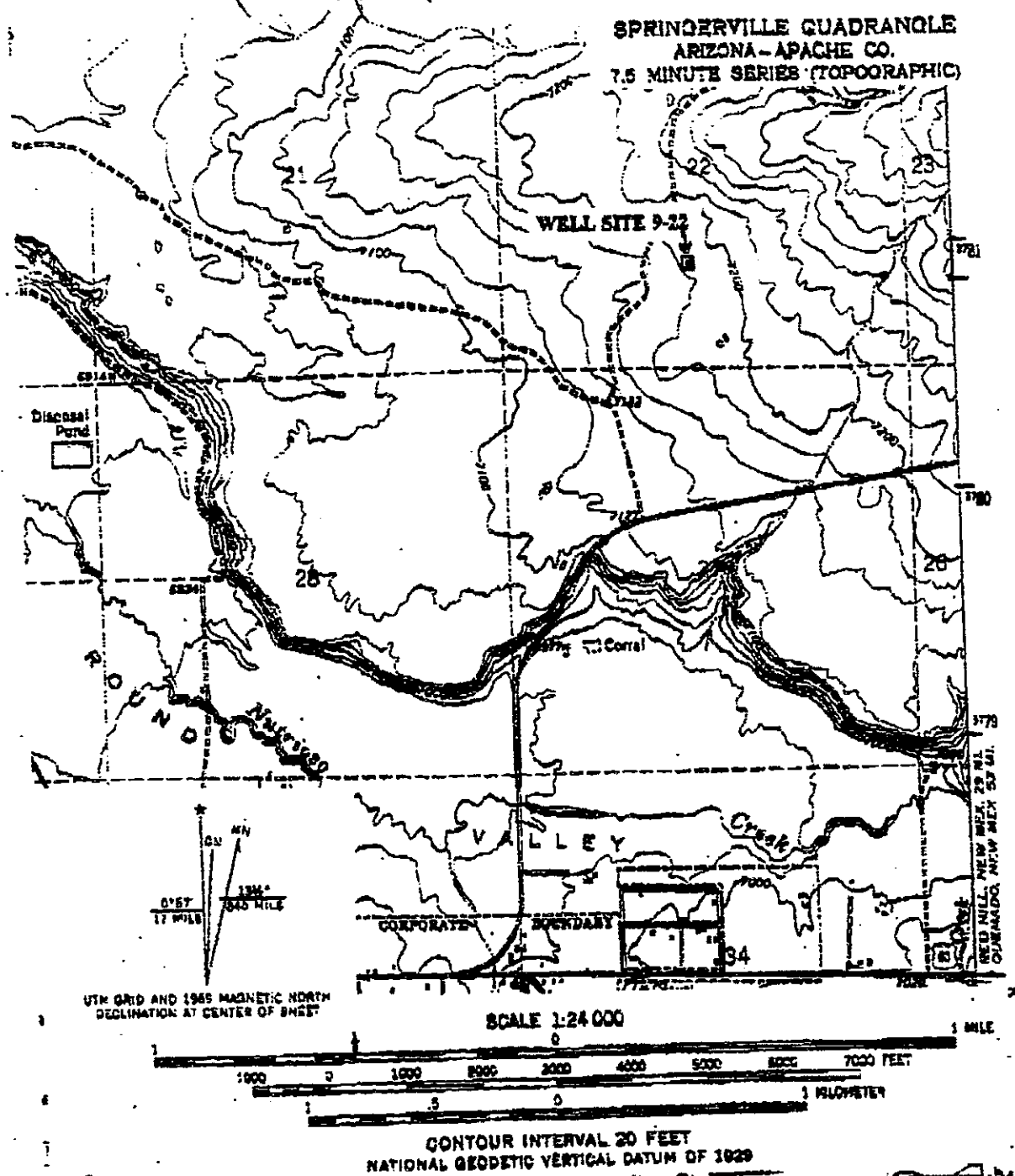


Figure 4. Proposed CO, Well 9-22 and access road plotted on USGS Springerville Quadrangle, 7.5 minute series, Apache County, Arizona.